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  }
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experienced in the area even mix them up. But most often emphasis in accounting is on numbers. Still, the deep understanding of key accounting concepts helps reveal the interests and actions of people behind these numbers. And the human dimension of accounting adds invaluable insight in the potential of successful project implementation.\n\nThis Course discusses core ideas and concepts of both financial and managerial accounting. It by no means pretends to be comprehensive to any extent. But, being rather an accounting overview, it focuses on the issues that are most relevant and important for effective valuation of investment projects.\n\nThe learners will gain insight into the essence of accounting. They will be able to use the obtained knowledge and skills to successfully advance in their career at a financial institution, as well as in the area of financial management at non-financial businesses. To pursue a career in accounting, a more detailed study is strongly recommended.",

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they're built-up and worn-down over time; we'll learn about their importance for biodiversity and water cycles, globally and locally; we'll explore their cultural significance to societies around the globe, and how that relationship has evolved over time; and we'll learn how mountains are used, how they're protected, and how today they're experiencing rapid change in a warming climate. \n\nAt the end of each lesson, Mountains 101 will also provide learners with some smart tricks -- Tech Tips -- to safely enjoy time in the high alpine environment: from how to pick the best footwear for hiking to making smart decisions in avalanche terrain. \n\nWe'll be delivering your online lessons from valley bottoms to mountaintops, from museums and labs, to alpine huts and other spectacular alpine sites, and we'll do so with the help of a whole host of experts.\n\nWe invite you to join us for this online adventure! The mountains are calling...",

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- Be familiar with client-side Javascript application development and the React library
- Be able to implement single page applications in React
- Be able to use various React features including components and forms
- Be able to implement a functional front-end web application using React
- Be able to use Reactstrap for designing responsive React applications
- Be able to use Redux to design the architecture for a React-Redux application",
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"description": "In this course you will learn three key website programming and design languages: HTML, CSS and JavaScript. You will create a web page using basic elements to control layout and style. Additionally, your web page will support interactivity. \n\nAt the end of the course, you will be able to:\n1. Define the purpose of HTML, CSS and JavaScript\n2. Make a simple web page using HTML\n3. Use CSS to control text styles and layout\n4. Use CSS libraries such as Bootstrap to create responsive layouts\n5. Use JavaScript variables and functions\n6. Manipulate web page content using JavaScript\n7. Respond to user input using JavaScript\nIn this course, you will complete:\n2 assignments writing HTML, CSS and JavaScript, each taking ~1 hour to complete\n4 quizzes, each taking ~20 minutes to complete\n1 programming exercise (~30 minutes to complete)\nmultiple practice quizzes, each taking ~5 minutes to complete\nParticipation in or completion of this online course will not confer academic credit for University of London programmes.",
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- * What Industry 4.0 is and what factors have enabled the IIoT
- * Key skills to develop to be employed in the IIoT space
- * What platforms are, and also market information on Software and Services
- * What the top application areas are (examples include manufacturing and oil & gas)
- * What the top operating systems are that are used in IIoT deployments
- * About networking and wireless communication protocols used in IIoT deployments
- * About computer security; encryption techniques and secure methods for insuring data integrity and authentication

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(一) 使同學對人工智慧相關的機器學習技術有基礎概念
(二) 同學能夠理解機器學習基礎理論、分類器、神經網路、增強式學習
(三) 同學能將相關技術應用到自己的問題上
修課前，基礎背景知識：
需要的先備知識：計算機概論
建議的先備知識：資料結構與演算法",
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Learning Goals
Goal: Analyze the design space of visualization solutions for various kinds of data visualization problems. Learn what designs are available for a given problem and what are their respective advantages and disadvantages.
Temporal
Spatial
Spatio-Temporal
Networks
Trees
Text
This is the fourth course in the Information Visualization Specialization. The course expects you to have some basic knowledge of programming as well as some basic visualization skills (as those introduced in the first course of the specialization).",
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y efectivo. \n\nObjetivos de aprendizaje:\n\n1. Construir el modelo de negocio en torno a la propuesta de valor. El modelo de negocio es el sistema de actividades que se debe constituir para lograr que el proyecto emprendedor funcione en la práctica. Sus componentes incluyen la definición del segmento de mercado en el que se va a operar; los canales a través de los cuales se va a llegar al consumidor; las actividades, recursos y aliados del proyecto; y las fuentes de ingresos y costos. \n\n2. Identificar los actores críticos que deben tomar decisiones favorables para el proyecto en cada uno de los componentes del modelo de negocio. Establecer una propuesta de valor diferenciada para cada uno de esos actores.\n\n3. Validar el modelo de negocio en contacto directo con los consumidores y con los diferentes actores, cuyas decisiones son importantes para el proyecto.\nTen en cuenta que este curso ha sido diseñado como el segundo de cuatro cursos que hacen parte del programa especializado en "Desarrollo de nuevas empresas" (<https://www.coursera.org/specializations/desarrollo-nuevas-empresas>), cuyo objetivo es brindarte una ruta práctica y accesible para crear y consolidar tu propia empresa, partiendo del análisis de tus ideas, de tus propias habilidades y de las oportunidades que te ofrece tu entorno inmediato. El primer curso del programa se llama \"¿Cómo convertir mi idea en empresa?\" (<https://www.coursera.org/learn/idea-empresa/home/welcome>), te recomendamos que te inscribas y participes en él si no lo has hecho.\n\nPuedes tomar todos los cursos del programa por separado o sólo uno de ellos, sin embargo te recomendamos que te inscribas y participes en los cuatro, ojalá en el orden que te proponemos, de manera que llegues al último curso denominado \"Mi nueva empresa: los siguientes pasos\" preparado para aplicar los conocimientos adquiridos en los cursos anteriores y lleves tu emprendimiento o negocio a la realidad.",

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routinely performed in many countries worldwide. The number of renal transplants is expected to rise sharply in the next decade since the proportion of patients with end stage renal disease is increasing.

Are you interested in clinical kidney, pancreas and islet transplantation? If you are a (bio) medical student or a health care professional who works in the (pre) clinical transplant field this might be the course for you. This course is also for anyone interested in the research and knowledge on clinical transplantation. The course will be taught by a multidisciplinary team of transplant professionals and will give you the state of the art updates.

It is divided in 4 modules:

- \n1) Before the transplant
- \n2) The surgical procedures and the challenged patient, including the patient with diabetes
- \n3) Early challenges
- \n4) Late challenges after transplantation.

The offered modules will include lectures, interactive patient cases, 3D movies, interviews with well-known experts and with patients and a donor, a serious game to increase knowledge of the field and of course an active forum. Become an expert and join us!

The course is endorsed by The European Society of Organ Transplantation (ESOT), The International Society of Nephrology (ISN) and The Transplantation Society (TTS).

This MOOC has been accredited for Continuing Medical Education (CME). Health care professionals who work in the (pre) clinical transplant field, other health care professionals and general practitioners can obtain CME credit at 'LUMC-Boerhaave CME' upon passing the course. For more information we like to refer to the "Additional introduction for obtaining CME credit" module in week 1 of the course

For another interesting course on organ donation and transplantation, see Organ Donation: From Death to Life from Cape Town University

<https://www.coursera.org/learn/organ-donation>,

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CSS, and Javascript, and more.\n\nWhat you'll need to get started:\n\nThis project-centered course is designed for learners who have little or no prior experience developing a web site. You will need a computer with a stable Internet connection. We'll use Wordpress to get you started, provide lots of downloadable examples, and guide you through the process of giving and receiving constructive peer-to-peer feedback.\n\n*About Project-Centered Courses: Project-centered courses are designed to help you complete a personally meaningful real-world project, with your instructor and a community of learners with similar goals providing guidance and suggestions along the way. By actively applying new concepts as you learn, you'll master the course content more efficiently; you'll also get a head start on using the skills you gain to make positive changes in your life and career. When you complete the course, you'll have a finished project that you'll be proud to use and share.",

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准备工作，创业中的要点，以及融资、众筹的技巧等。此课程的目的是让所有有创业意愿的或者刚刚起步的创业者更好地了解现在中国创业行业的氛围，以及创业初期不得不知的干货。每节课都凝结了真格基金业内专家和北京大学资深教授的丰富知识，也包括多位成功创业者的实践经验。完成本课程之时，你将能够为自己绝妙的创意找到切实可行的商业模式，组建能力出色行动高效的团队，撰写专业具体可执行的策划书。在课程的最后，我们希望所有的学员可以完成一份完整的商业计划书，把自己的创业想法有效地表达出来。成功完成慕课的学生会得到由Coursera提供的真格基金与北京大学联合认证的付费认证证书，并且其商业计划书会得到真格基金的认真考虑。

课程特点：

- 真格基金与北京大学国家发展研究院联合开发的首部中文“慕课”
- 徐小平、王强领衔，多位来自国内知名机构的专家和成功创业公司的创始人亲授
- 北京大学国家发展研究院BiMBA商学院张黎院长、杨壮院长对创业者倾力指导
- 专注于创业的在线课程
- 注重实践，最鲜活的案例教学
- 充分利用碎片化时间学习，每节课15分钟以内，每周仅需1-2个小时学习时间
- 无需相关教育或工作背景，对所有人开放
- 参与本课程，您将收获：12位知名公益专家亲自设计的教学内容、资料
- 加入讨论区，与业内专家、资深教授和同行互动的机会
- 对中国创业大环境的进一步了解
- 为自己绝妙的创意找到切实可行的商业模式
- 组建能力出色行动高效的团队
- 撰写专业具体可执行的策划书
- 您在课程结束时提交的商业计划书将得到真格基金的认真考虑

除此之外，完成课程的同学可以获得由课程平台提供方Coursera颁发的付费认证证书（电子版）。获得认证证书要求同学们总体得分超过80%，并需向Coursera支付\$29美金的费用。您可以先免费注册课程，开始学习课程后再选择支付证书费用。"，

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  "◆ 課程介紹 (About the course) "
  "這是一門進階的經濟學課程，課程目標為介紹實驗經濟學的基本概念，並且讓學生們能開始在這個領域從事自己的相關研究。"
  "◆ 詳細課程目標如下："
  "1. 實驗經濟學的介紹：在上完這堂課之後，學生應能列舉經濟學各個領域的數個知名實驗，並且解釋實驗結果如何驗證或否證經濟理論及其他實地資料。"
  "2. 評論近期相關領域研究：上完這堂課之後，學生應能閱讀並評論實驗經濟學相關的期刊論文。在課堂中，學生將會閱讀指定的期刊論文，並且（在影片中）親自上台報告一篇論文。"
  "◆ 授課形式 (Course format) "
  "1. 本堂課將以影片的形式為主，搭配課後作業的形式來進行。"
  "每個同學將閱讀一篇實驗經濟學論文，並錄影成兩段各 10 分鐘的介紹影片並後上傳至 Coursera (或上傳到 Youku，再複製連結到作業上傳區)。第一段期中報告影片請同學介紹該論文所描述的實驗設計，第二段，也就是期末報告影片則介紹實驗結果。此外每位同學至少需觀看其他兩位同學的呈現內容，並給予評論。"
  "2. 這堂課將簡單地運用以下賽局（博弈）概念："
  "奈許均衡 / 納什均衡 (Nash Equilibrium) "
  "混合策略均衡 (Mixed Strategy Equilibrium) "
  "子賽局完美均衡 / 子博弈精練納什均衡 (SPNE) "
  "共識 / 共同知識 (Common Knowledge) "
  "信念 (Belief) "
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  "Economic Growth and Distributive Justice – Maximizing Social Wellbeing" is the second part of a two part course and it includes the following five lectures:
  "(1) The excess burden of taxation"
  "(2) Tax incidence: who bears the economic burden of tax?
  "(3) Progressivity: definition and ways to achieve
  "(4) Low Income, Low Ability and the Optimal Income Tax Model
  "(5) Designing the Tax and Transfer System that Maximizes Social Wellbeing"
  If you haven't done that already, we strongly recommend that you register for the first part of the course: "Economic Growth and Distributive Justice – the Role of the State". Taking both parts of the course would enable you to obtain a fuller and more comprehensive knowledge about Economic Growth and Distributed Justice.
  The course is founded upon the elemental idea that the role of the state is to maximize the well-being – or simply the happiness – of its residents. In 9 fascinating, edifying lessons, using

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only simple words and decoding professional terminologies that sometimes baffle the intelligent layman, the course expounds many truths – both intuitive and unintuitive. Often using examples from the US and Europe, it does not however focus on policies in any particular region of the world, and is directly applicable to all countries around the globe.\n\nThe course touches upon the essence of important concepts like efficiency and equity, inequality and poverty, gross domestic product, tax evasion and tax planning; it presents the work of Nobel Laureate James Mirrlees and his followers – promoting a coherent system that integrates tax and government expenditures to maximize social welfare; and illuminates a range of high-profile issues from their economic angle:\n• Climate change: the atmosphere and oceans as public goods, and how smart (Pigovian) taxation can be used to combat the rapidly increasing threats to our planet;\n• Technology as the engine of economic growth;\n• Taxing the rich: How can we mitigate the growing inequality problem? Should we impose a global tax on capital?\n\nThe curriculum includes interviews with major figures in the fields of law and of economics: Harvard's Elhanan Helpman, Dan Shaviro from NYU and Richard Epstein from the University of Chicago and NYU.\n\nAfter successfully completing this course, you can expect to be able to:\n• better understand economic issues presented in the media\n• form an informed opinion on the strengths and weaknesses of presented social economic policies\n• define and measure inequality and poverty\n• define the connection between inequality (income, wealth) and economic growth\n• explain the foundations of economic growth\n• design a tax and transfer system to maximize the happiness of individuals\nAll these will allow you to better understand the policies being developed around you, and to play a larger, more informed role in their development, as a conscientious citizen.\n\nIn order to receive academic credit for this course you must successfully pass the academic exam on campus. For information on how to register for the academic exam – <https://tauonline.tau.ac.il/registration>\n\nAdditionally, you can apply to certain degrees using the grades you received on the courses. Read more on this here – \n<https://go.tau.ac.il/b.a/mooc-acceptance>\n\nTeachers interested in teaching this course in their class rooms are invited to explore our Academic High school program here – <https://tauonline.tau.ac.il/online-highschool>\n\nThis course is a direct extension of the first part \"Economic Growth and Distributive Justice Part I -The Role of the State\", so if you have not yet taken it, we highly recommend you start your learning from there (<https://www.coursera.org/learn/economic-growth-part-1/home/welcome>).",

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Apple (Apple Watch) junto com o seu aplicativo de iPhone? \nSe você respondeu \"sim\" para alguma dessas perguntas ou se deseja aprender os passos para publicar o seu próprio aplicativo, esse é o curso tem as respostas para você!\\n\\nNeste curso você vai descobrir como colocar diversas funcionalidades no seu aplicativo iPhone ou iPad: colocar photos, músicas, videos, usar mapa, permitir que o aplicativo faça posts no facebook ou twitter e também como fazer um aplicativo do iPhone que conecte com o AppleWatch! Além de tudo, você irá ver passo a passo como publicar e monetizar seu aplicativo uma vez que ele estiver publicado na App Store.\\n\\nEste curso é composto por várias videoaulas passo a passo, para você que tem pouca experiência com programação, ou já é um programador experiente mas não conhece o Swift ou nunca fez um aplicativo iOS, acompanhar as aulas e evoluir no seu próprio ritmo.\\n\\nConcluindo esse curso, você será capaz de desenvolver um aplicativo iPhone com funcionalidades avançadas, criar aplicativos para Apple Watch, e também saberá como publicá-lo na App Store!\\n\\nO que você está esperando? Junte-se a milhares de outros usuários e publique o seu próprio aplicativo!",

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accurate, evidence-based and data driven self-assessment of your self-marketing and personal branding skills; \n\n- Develop and implement an effective instrument for displaying your artifacts and monitoring your marketing communications strategies (\\"The Showcaser\\") and a realistic performance metric for evaluating your career brand building activities (\\"The Career Brand Equity Builder\\").,

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{
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genome and gene expression surveys using RNA-seq, microarrays and other technologies have created a wealth of data for biologists. However, the challenge facing scientists is analyzing and even accessing these data to extract useful information pertaining to the system being studied. This course focuses on employing existing bioinformatic resources – mainly web-based programs and databases – to access the wealth of data to answer questions relevant to the average biologist, and is highly hands-on.

\n\nTopics covered include multiple sequence alignments, phylogenetics, gene expression data analysis, and protein interaction networks, in two separate parts.

\n\nThe first part, Bioinformatic Methods I (this one), deals with databases, Blast, multiple sequence alignments, phylogenetics, selection analysis and metagenomics.

\n\nThe second part, Bioinformatic Methods II, covers motif searching, protein-protein interactions, structural bioinformatics, gene expression data analysis, and cis-element predictions.

\n\nThis pair of courses is useful to any student considering graduate school in the biological sciences, as well as students considering molecular medicine. Both provide an overview of the many different bioinformatic tools that are out there.

\n\nThese courses are based on one taught at the University of Toronto to upper-level undergraduates who have some understanding of basic molecular biology. If you're not familiar with this, something like <https://learn.saylor.org/course/bio101> might be helpful. No programming is required for this course.

\n\nBioinformatic Methods I is regularly updated, and was last updated for January 2019." ,

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opportunities for a pause before continuing. The three parts are designed to be completed in order and set up to motivate you to continue through to the end of Part C. The three parts are not quite equal in length: Part A is almost as substantial as Part B and Part C combined.\n\nWeek 1 of Part A has a more detailed list of topics for all three parts of the course, but it is expected that most course participants will not (yet!) know what all these topics mean.",

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mundial\n•\tLa razón de actuar ahora, actuar juntos y actuar de un modo diferente\n•\tEjemplos y beneficios esperados de las políticas de mitigación y adaptación, teniendo en cuenta las contribuciones a las reducciones de las emisiones a escala mundial y las oportunidades de desarrollo a escala local\n\nAparte de los principales recursos y asignaciones, podrá optar por aprovechar aún más el curso participando en ejercicios divertidos opcionales, interconexiones y debates, y sumergiéndose a fondo en nuestra rica selección de recursos complementarios. Tendrá la oportunidad de estudiar a fondo estas cuestiones y adaptar su experiencia de aprendizaje a una o varias de las siguientes regiones:\n\n•\tAmérica Latina y el Caribe\n•\tÁfrica Subsahariana\n•\tOriente Medio y Norte de África\n•\tEuropa Oriental y Asia Central\n•\tAsia Oriental y el Pacífico\n•\tAsia Meridional\n\nFormación recomendada\n\nNo es necesario ningún conocimiento previo. El contenido de este curso está diseñado para ser accesible para estudiantes de cualquier materia.\n\nConectar\n\nComunique y comparta recursos a través de Twitter utilizando la etiqueta #learnclimate. Registre una cuenta gratuita en <http://twitter.com>\n\nFormato del curso\n\nLa estructura de este MOOC es semanal, con recursos, actividades y ejercicios diseñados para que participe en ellos durante cada una de las cuatro semanas del curso. Cada semana encontrará un conjunto de material didáctico, entre otros:

\n\n•\tConversaciones de vídeo interactivas de reconocidos científicos y profesionales estudiosos del clima.\n•\tRecursos: actividades interactivas principales, opcionales (inmersión a fondo) y divertidas sobre el tema de la semana.\n•\tCuestionarios para comprobar su conocimiento, reforzar el material de la lección y proporcionar respuestas inmediatas.\n•\tAsignaciones que perfeccionarán sus capacidades de análisis, reflexión y comunicación.\n•\tForos de debate y redes sociales que permiten la colaboración con personas de todo el mundo, enriqueciendo la interacción entre los participantes.\n•\tUna sesión interactiva de Google Hangouts en directo con expertos internacionales que participarán en una sesión de preguntas y respuestas sobre el cambio climático.\n•\tComo proyecto final, creará un artefacto digital.",

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  "description": "Welcome to the Inbound Certification course!\n\nThis course will introduce you to inbound and provide you with a big picture view of everything you need for a successful inbound strategy.\n\nSo, why inbound?\n\nInbound is a fundamental shift in the way you do business. Instead of an interruption-based message where the marketer or salesperson had all the control, inbound is about empowering potential customers. Consumer's buying behaviors have changed and will continue to change. That's the driving force behind inbound. What your customers want today is different than what they wanted 10 years ago. That means you need to change the way you market, sell, and service to match the way people actually want to shop and buy.\n\nSo, wondering what to expect in this course?\n\nAfter an initial lesson on an introduction to the inbound fundamentals, the course consists of a set of lessons that follows the inbound methodology. The inbound methodology illustrates the four stages that make an inbound business. It reflects the entire inbound marketing, sales, services, and relationship process. The stages are Attract, Convert, Close, and Delight.\n\nEach lesson includes different tactics that you can apply to help you and your business grow better. You'll also hear from HubSpot executives and leadership including: HubSpot's Co-founders Brian Halligan & Dharmesh Shah. Chief People Officer, Katie Burke. VP of HubSpot Academy, Mark Kilens. VP of Marketing, Meghan Anderson. SVP of Product, Christopher O'Donnell. VP of Sales, Michelle Benfer. And VP of Customer Success, Alison Elworthy",  
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product be manufactured? A CNC machinist works with computer numeric controlled (CNC)  
machines from generating the machine code to machine setup and run. Understanding both  
CAD and CAM is essential to this portion of a design. Even if you are not the end user  
who programs a machine, it is invaluable to know how it's done. This knowledge translates  
directly to part design by helping make intelligent design decisions with manufacturing  
in mind. This course introduces you to the integrated CAD/CAM approach behind Fusion 360  
CAD/CAM as well as 3D printed design setup and finally assembly and testing. All stages  
of product design in one place!\\n\\nAfter completing this course, you will be able to:\\n •  
Explain the Fusion 360 integrated CAD/CAM manufacturing workflow.\\n • Summarize the  
trends that are influencing the future of manufacturing.\\n • Demonstrate knowledge and  
skills in foundational concepts of Fusion 360 CAD/CAM software.\\n • Set up a Flight  
Controller.\\n • Assemble a quadcopter.\\n • Fly the final design.",  
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  "partnerIds": "[470]",  
  "name": "Manufacturing Process with Autodesk Fusion 360"  
},  
{  
  "FIELD1": 49,  
  "courseType": "v2.ondemand",  
  "description": "How can we create nano-structures that are 10,000 times smaller than  

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"name": "Internet of Things: Sensing and Actuation From Devices"
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{
"FIELD1": 51,
"courseType": "v2.ondemand",
"description": "Improving health and healthcare institutions requires understanding of data and creation of interventions at the many levels at which health IT interact and affect the institution. These levels range from the external \"world\" in which the institution operates down to the specific technologies. Data scientists find that, when they aim at implementing their models in practice, it is the \"socio\" components that are both novel to them and mission critical to success. At the end of this course, students will be able to make a quick assessment of a health informatics problem—or a proposed solution—and to determine what is missing and what more needs to be learned.",
"id": "AqeLjUQ1EeiJ3RL_2DUY7A",
"slug": "the-socio-technical-health-informatics-context",
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"partnerIds": "[8]",
"name": "The Social and Technical Context of Health Informatics"
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{
"FIELD1": 52,
"courseType": "v2.ondemand",
"description": "Welcome to Introduction to Numerical Mathematics. This is designed to give you part of the mathematical foundations needed to work in computer science in any of its strands, from business to visual digital arts, music, games. At any stage of the problem solving and modelling stage you will require numerical and computational tools. We get you started in binary and other number bases, some tools to make sense of sequences of numbers, how to represent space numerical using coordinates, how to study variations of quantities via functions and their graphs. For this we prepared computing and everyday life problems for you to solve using these tools, from sending secret messages to designing computer graphics. \nIf you wish to take it further you can join the BSc Computer Science degree and complete the full module 'Numerical Mathematics'.\nEnjoy!",
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{
"FIELD1": 53,
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"description": "An introduction to data integration and statistical methods used in contemporary Systems Biology, Bioinformatics and Systems Pharmacology research. The course covers methods to process raw data from genome-wide mRNA expression studies (microarrays and RNA-seq) including data normalization, differential expression, clustering, enrichment analysis and network construction. The course contains practical tutorials for using tools and setting up pipelines, but it also covers the mathematics behind the methods applied within the tools. The course is mostly appropriate for beginning graduate students and advanced undergraduates majoring in fields such as biology, math, physics, chemistry, computer science, biomedical and electrical engineering. The course should be useful for researchers who encounter large datasets in their own research. The course presents software tools developed by the Ma'ayan Laboratory (http://labs.icahn.mssm.edu/maayanlab/) from the Icahn School of Medicine at Mount Sinai, but also other freely available data analysis and visualization tools. The ultimate aim of the course is to enable participants to utilize the methods presented in this course for analyzing their own data for their own projects. For those participants that do not work in the field, the course introduces the current research challenges faced in the field of computational systems biology.",
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"name": "Network Analysis in Systems Biology"
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},
{
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  "description": "Cada día es más importante hablar bien en público. \nLa mejor oratoria es la que permite al orador conseguir los objetivos que se había planteado. Contrariamente a la creencia común, la necesidad de una buena oratoria no es exclusiva de ciertos grupos profesionales, sino que todas las personas deberían superar el miedo escénico y hablar bien en público. ¿El motivo? Poder trasladar de manera eficiente el mensaje deseado, ya sea para fines laborales (exponer proyectos laborales, convencer ante foros, asambleas o parlamentos, comunicar mejor con clientes, aumentar el grado de persuasión), como personales (exponer proyectos personales, mejorar la comunicación con las personas). \nEl orador se hace, no nace. \nEn este curso adquirirás recursos para hablar bien y conseguir, a través de la palabra, los objetivos planteados. Te invitamos a descubrirlo con nosotros.",  
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{  
  "FIELD1": 55,
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  "description": "Now that your APIs are developed, it's time to talk about how to secure them. This course covers API security using the Apigee API platform. We'll learn about how to properly secure your APIs by covering topics such as the types of OAuth, TLS, and SAML to name a few. We'll apply these concepts with hands on labs to implement proper authentication and validation in your APIs.\n\nBy taking this course, you'll come to have a high level understanding of API security and why it's important. All supplemental materials will be provided to you for offline review / reference. Since this is the final course in the Specialization, you'll come out of this course with a fully working and secure API to be used as reference for all your future builds!\n\nNote:  
Before starting this course, please ensure that you have completed the \"API Design and Fundamentals of Google Cloud's Apigee API Platform\" and \"API Development on Google Cloud's Apigee API Platform\" courses.",  
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  "instructorIds": "[22997770]",
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  "name": "API Security on Google Cloud's Apigee API Platform"
},  
{  
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  "courseType": "v2.ondemand",
  "description": "Welcome to Course 2 – Sales Strategy – This course is designed to discuss the application of intelligence analysis in the sales planning process. And this approach contributes to integrating the sales planning process into the corporate strategy of the company because, in the strategy analysis and formulation process, we apply models, frameworks, tools, and techniques that also apply to the sales planning and management process. \nTherefore, the expected outcomes of this course focus on the transition from traditional to strategic sales planning, by discussing and applying the concepts recommended to support the development of the strategic guidelines. \nThe concepts, models, tools, and techniques discussed and practiced during the course focus on the improvement of value creation from the sales function empowered by intelligence analysis, a process which typically applies in the strategy analysis front. \nThe discussions go through how intelligence analysis can support the sales function, by providing methods to connect strategy to marketing and sales planning processes. \nIn this course, the primary learning outcome is the ability to apply intelligence analysis to support sales planning process, and by being able to do this, you'll improve your competencies and skills to support sales planning with a strategic approach. \nYou'll develop a final assignment at the end of the course, and it is designed from an adapted real-life business case. The challenges of the case comprise the business context, through which you'll apply the conceptual framework discussed during Course 2. \nThe outcomes of your analysis on the assignment case will be evaluated through a peer-review process.",  
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{
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{
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 "id": "NMqE4dbxEeimThLb1L5gBg",
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 "instructorIds": "['473433']",
 "specializations": "[]",
 "partnerIds": "['109']",
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 "instructorIds": "['122340']",
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{
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  "description": "Internet of Things (IoT) is an emerging area of information and communications technology (ICT) involving many disciplines of computer science and engineering including sensors/actuators, communications networking, server platforms, data analytics and smart applications. IoT is considered to be an essential part of the 4th Industrial Revolution along with AI and Big Data. This course aims at introducing IoT Cloud platforms from Samsung, Microsoft, Amazon, IBM and Google and how they can be used in developing IoT applications. This course will be offered in English.  
Subtitles/captions in English and will be also provided. \n\nIoT (Internet of Things, 사물인터넷)는 최근 중요한 정보통신기술로 주목 받고 있으며 센서/ 제어기, 통신 네트워크, 서버 플랫폼, 데이터 분석, 스마트 앱 등의 컴퓨터공학 기술들이 융합된 기술입니다. IoT는 인공지능, 빅데이터와 함께, 4차산업혁명의 3대 핵심 기술 중 하나로 손꼽하고 있습니다. 글로벌 Cloud 서비스 제공자들이 IoT를 특별히 지원하기 위하여 개발한 IoT Cloud 플랫폼들을 소개합니다. 이것들을 활용하여 다양한 IoT 어플리케이션을 개발할 수 있습니다. 본 과목은 영어로 진행되며, 영문자막(일부 한글과 영문 모두)을 제공합니다.",  
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{
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  "description": "This course is multidisciplinary in nature, and aims to equip the global audience of interested lay people, people with chronic disease, public health researchers, health clinicians, students, administrators, and researchers to reflect on the overall impact of the burden of chronic disease . It shows how all chronic diseases (obesity, diabetes, cardiovascular disease, chronic obstructive pulmonary disease, and cancer) are related by a set of common causes, and that such diseases should be tackled, not individually, but as part of a complex system, with interrelated contributing factors. These factors are genetic, environmental, psychological, economic, social, developmental, and media related. \n\nThe Charles Perkins Centre at the University of Sydney is a unique interdisciplinary education and research hub which seeks solutions to chronic disease through a complex systems approach. Academics in many disciplines (in Science and Medicine, but also in Architecture, Humanities, Law etc) work in a collaborative fashion to produce novel solutions to the problems of chronic disease. All contributors and participants in this course are members of the Charles Perkins Centre and will speak from the unique interdisciplinary perspective that this Centre affords.  
\n\nThe course will describe a complex systems approach as the most productive way to ease the burden of chronic disease. It then describes these diseases in detail, their risk factors, and the environmental and biological factors that have led to the current epidemic of obesity, diabetes and cardiovascular disease. Finally, the solutions – and more importantly the process for finding solutions– is the subject of the last module. No one approach by itself can ever be the answer, and certainly not a simple diet and exercise approach. \n\nThe entire course consists of 5 content modules, plus an extra module for completing assignments and discussions, and takes about 6 weeks to complete. Completion certificates are issued on the basis of participation in all 6 modules.  
\n\nWhat you'll learn: \n-\tHow the Charles Perkins Centre recruits interdisciplinary teams to ease the burden of chronic disease\n-\tHow a complex systems approach is necessary to provide solutions to a complex problem\n-\tThe fundamentals of chronic disease research and where it is heading\n-\tThe biggest risk factors for chronic disease and their global incidence\n-\tThe biological, genetic, social, regulatory, and other influences that have inflated these risk factors\n-\tHow to provide solutions globally for the reduction of chronic disease",  
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{
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  "description": "There's a songwriter lurking somewhere inside you, peeking around
```

corners, wondering if it's safe to come out. Now it is. This course is an invitation to let your inner songwriter step into the sunlight. All it takes is a simple "yes" and you'll be climbing that windy hill, marveling at the view.\n\nIf you haven't written any or many songs, this course will show you an efficient, effective process for tailoring songs to express your ideas and emotions. If you have, you'll look at your process differently, taking control of aspects of the process you may have not noticed.\n\nThe course will start by examining the tools available to you, all revolving around the essential concept of prosody. You'll learn to use your tools to enhance your message—to work compositionally at the same time you're developing your ideas.\n\nYou'll be working both lyrically and musically, though musically it's not necessary that you either read music or play an instrument. If you play, great, and you'll be encouraged to play and record your musical responses to the assignments. If you don't play, the course offers you a number of musical loops to work with. All you'll have to do is sing your melodies over the loops.\n\nAssignments will ask you to post something for peer review—sometimes lyric lines or sections, sometimes melodies, sometimes both. None of it has to be polished. The course is about writing, not performing.\n\nMost important, you'll have a lot of fun.",

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"FIELD1": 63,
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0: Курс является базовым, поэтому он не требует специальной подготовки. Для его успешного освоения достаточно уверенных знаний курса математики в объеме школьной программы. В одном–двух примерах могут пригодиться знания начал математического анализа (дифференцирование функций одной переменной, необходимое условие экстремума) и знания начал теории вероятностей (понятие математического ожидания случайной величины).\n**B:** Что требуется для успешного окончания курса?
0: Итоговая оценка за курс складывается из результатов 10 оцениваемых тестов. Для успешного окончания курса необходимо дать не менее 80 % правильных ответов на каждый из этих тестов."

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    "name": "Теория игр (Game Theory")
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{
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applications, including an overview of sequence model architectures and how to handle inputs of variable length.\n\n• Predict future values of a time-series\n• Classify free form text\n• Address time-series and text problems with recurrent neural networks\nChoose between RNNs/LSTMs and simpler models\n• Train and reuse word embeddings in text problems\n\nYou will get hands-on practice building and optimizing your own text classification and sequence models on a variety of public datasets in the labs we'll work on together.

\n\nPrerequisites: Basic SQL, familiarity with Python and TensorFlow",

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"specializations": "[]",
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{
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},
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{
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{
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  "description": "Have you ever wanted to invest in financial markets, but were always afraid that you didn't have the proper tools or knowledge to make informed decisions? Have you ever wondered how investment management companies operate and what fund managers do? AXA Investment Managers, in partnership with HEC Paris, will introduce you to the most important ideas and concepts in investment management, to help you better understand your financial future.\n\nThis course will enable you to:\n• Define what type of investor you are, your investment objectives, and potential constraints.\n• Identify the main investable assets and important players in financial markets.\n• Understand basic portfolio management techniques.\n• Apply these techniques in real case studies from the outset, through practical assessments.\n\nFinally, we will provide a comprehensive overview of today's asset management industry: the product cycles,
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professionals, and regulations. For those who want to identify a talented fund manager to invest for you, we offer important criteria for selecting one. For those who are interested in learning more about this fascinating industry, we lay the foundation for your ongoing financial journey. Join us now to explore the world of investment management!

\n\nCourse Specialists\nThe course has been developed in collaboration between HEC Paris, with Hugues Langlois managing the academic aspect, and AXA Investment Managers specialists, sharing their experiences and expertise and coordinated by Marion Le Morhedec. AXA Investment Managers participants include Maxime Alimi, Stephanie Condra, Nicholas Jeans, Elodie Laugel, Pierre-François de Mont-Serrat, Jean-Gabriel Pierre (AXA Group), Dorothée Sauloup, Irina Topa-Serry, Fiona Southall, Patrice Viot Coster, Susanna Warner, and Joachim Weitgasser.\n\nRecommended Background\nWe expect most participants to have a basic level of knowledge in mathematics and economics. However this is not essential, and we believe that people from any background can succeed with commitment and a strong interest.\nBe aware that in the case study, you will have to use Excel.\n\nCourse Format \nThis course will run for 4 weeks and consists of 4 modules, each with a series of lecture videos between 5 to 8 minutes long. Each module contains a set of practice and graded quiz questions. A complete portfolio management exercise covers concepts learned in all modules\n\nLanguage\nThe course is in English, with Spanish, Italian, German, French, and Chinese (Simplified) subtitles.\n\nThe Project\nThe preparation of this MOOC has been an exciting adventure for many professionals at AXA Investment Managers and HEC, both for the speakers and a wealth of contributors. Thank you to all of them.\nWe hope you enjoy this course as much as we enjoyed creating it!" ,

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By the end of the two parts of the course, students will understand the fabrication, characterization, and manipulation of nanomaterials, nanosensors, and how they can be exploited for new applications. Also, students will apply their knowledge of nanotechnology and nanosensors to a topic of personal interest in this course.\n\n-----\n\nCOURSE OBJECTIVES\nThe course main objective is to enhance critical, creative, and innovative thinking. The course encourages multicultural group work, constructing international 'thinking tanks' for the creation of new ideas. Throughout the course, you will be asked to reflect upon your learning, think \"out of the box\", and suggest creative ideas.\n\nThe two parts of the course are set to encourage the understanding of:\n1. The importance of nanoscale materials for sensing applications.\n2. Approaches used for characterizing sensors based nanomaterials.\n3. Approaches used for tailoring nanomaterials for a specific sensing application.\n4. Metallic and semiconductor nanoparticles.\n5. Organic and inorganic nanotubes and nanowires.\n6. Optical, mechanical and chemical sensors based on nanomaterials.\n7. Hybrid nanomaterial-based sensors.\n\n-----\nWe recommend that you read the following supplementary reading materials:\nJiří Janata, Principles of Chemical Sensors, Springer, 2d Edition (1989).\nRoger George Jackson, Novel Sensors and Sensing, CRC Press (2004).\n\n-----\nTeaching Team\nAbout Professor Haick Hossam\nProfessor Hossam Haick is an expert in the field of nanotechnology, nanosensors, and non-invasive disease diagnosis. Prof. Haick is the recipient of the prestigious Marie Curie Excellence Award, ERC Award, and the FP-7 Health Award. He is also the recipient of more than 42 international honors and prizes for his achievements, including a Knight of the Order of Academic Palms (conferred by the French Government) and the "List of the World's Top 35 Young Scientists", and the Discovery Award of the Bill & Melinda Gates. Prof. Haick is the founder and the leader of a European consortium of eight universities and companies for the development of advanced generation of nanosensors for disease diagnosis. He also serves as an associate editor of the two journals and serves as an advisory consultant to the Chemical Abstracts Service (CAS) – the world's authority for chemical information – a senior scientific advisory member of several national and international companies and institutes, and as a scientific evaluator in the European Commission.\nEmail: hhossam@technion.ac.il\n\n-----\nCourse Staff\nMeital Bar-Segev, Teaching Assistant: Received her B.A. (Cum Laude) in Chemistry and B.Sc (Cum Laude) in Materials Engineering from the Technion – Israel Institute of Technology (both in 2010). During her studies, she worked in a student position at Tower Semiconductors Ltd. After graduation she worked at Alfred Mann Institute in the Technion (AMIT) as a process development engineer. Currently, she performs her Ph.D. degree (direct track) in the Russell Berrie Nanotechnology Institute (RBNI) of the Technion under the supervision of Prof. Hossam Haick. The research of Meital focuses is the development of electronic skin based on nanoparticles.\nAbeer Watted, Teaching Assistant: Received her B.Sc. and M.Sc. in Transportation and Highways Engineering from the Technion. She is a Ph.D. student at the Faculty of Education in Science and Technology at the Technion, under the supervision of Asst. Prof. Miri Barak. She received a second master degree in Education in Science and Technology from the Technion in 2013. Her research focuses on science education and inquiry-based laboratories. Currently, Abeer works as a lecturer at Al-Qasemi Academic College of Education, where she serves also as the head of Civil Engineering Department.\nMaya Usher, Teaching Assistant: Received her B.A. and M.A. (Cum Laude) in Communication Studies from Sapir Academic College and Ben Gurion University- Israel (2009; 2013 respectively). Currently, Maya is a PhD. candidate at the Faculty of Education in Science and Technology at the Technion, under the supervision of Asst. Prof. Miri Barak. Her research focuses on examining online collaborative learning in small multicultural groups.\nMuhammad Khatib, Teaching Assistant: Received his B.Sc in Biochemical Engineering from the Technion – Israel Institute of Technology (2015). His final research project, conducted with Prof. Avi Schroeder, dealt with harnessing liposome-based drug delivery systems to applications in precise agriculture. Currently, he performs his Ph.D.

(special track) in the Department of Chemical Engineering of the Technion under the supervision of Prof. Hossam Haick, and his research focuses on self-healing devices for monitoring infectious diseases.\n\nMiri Barak, Pedagogical Advisor: Assistant Professor at the Faculty of Education in Science and Technology, Technion- Israel Institute of Technology. She is the Head of the Science and Learning Technologies group and the advisor of graduate students. Her academic activities focus on developing, integrating, and evaluating science education curricula at school and higher education levels. Her studies involve the use of information and communication technologies (ICT), with emphasis on emerging web-2.0 and cloud applications, to foster meaningful learning and high-order thinking.",

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1. To master the technology of getting “informed consent” with a client about Psychodiagnostics and assessment procedure.
2. To assess the compliance of the proposed Psychodiagnostics programs with the final testing objectives.
3. To understand the variety of ways to assess different characteristics of a person.
4. To understand the possibilities of Psychodiagnostics of this or that characteristic of a person with use of various diagnostic techniques.
5. To be able to determine the level of reliability of the received diagnostic data.\n\nThe course consists of 5 modules. Every module's broken into 4-6 topics with some tasks and additional literature.",
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(1) an understanding of the core meaning of marketing and international marketing.
(2) learn that international marketing is about striking the right balance between maximizing the similarities across cultures (Etic approach) and customizing marketing (Emic approach) to important local differences.
(3) learn about how to source or expand into other industries at home or abroad via cross industry innovation.
(4) obtain a solid foundation for subsequent courses such as course 2 (International Marketing Entry and Execution) and the industry-specific courses in the specialization.",
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assistance or materials from the outside? If it does, will you know what type of contract will support your success? When you understand these basics and you know how to identify the risks you face and how all of this information shapes your estimates, then you are ready to consider committing to a schedule and a budget. This course will take you through critical project planning basics so that when it is time for your schedule and budget, you are well informed.\n\nBy the end of this course, students will be able to:
• Develop two quality metrics for a project
• Differentiate between fixed price and cost reimbursable contract types
• Perform a basic risk assessment
• Estimate the quantities and costs of resources required to perform project activities
• Identify differences in three common cost estimating techniques",

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}
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Industrial Environmental Economics (IIIEE) at Lund University is an international centre of excellence on strategies for sustainable solutions. The IIIEE is ideally suited to understand and explain the interdisciplinary issues in green economies utilising the diverse disciplinary backgrounds of its international staff. The IIIEE has been researching and teaching on sustainability and greener economies since the 1990s and it has extensive international networks connecting with a variety of organizations.\n\n5-8 hours/week\n5 weeks duration\n40 films\n20 teachers",

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• Abgeschlossener Kurs \"Google Cloud Platform Big Data and Machine Learning Fundamentals\" (oder gleichwertige Kenntnisse)
• Kenntnisse in Java\n\nLernziele:
• Anwendungsmöglichkeiten für Echtzeit-Streaminganalysen kennenlernen
• Den asynchronen Messaging-Dienst Google Cloud Pub/Sub zur Verwaltung von Datenereignissen verwenden
• Streaming-Pipelines schreiben und Transformationen ausführen, falls nötig
• Die Streaming-Pipeline von beiden Seiten kennenlernen: Produktion und Nutzung
• Dataflow, BigQuery und Cloud Pub/Sub für Echtzeit-Streaming und -Analysen einsetzen",
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interpretation, and argument. Through forensic exploration of key texts, you will learn why Shakespeare's authorship is questioned, and what evidence is cited on both sides of the debate.\n\nFor those of you interested in exploring the works of Shakespeare from a new angle, or just wanting to hone your analytical thinking skills, this course offers an introduction to a fascinating area of interest. Those of you already interested in the Shakespeare authorship question will be encouraged to question your own assumptions in fruitful ways. Whether undertaken as a standalone course, or as preparation for the University of London BA in English, this course will be food for thought.",

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{
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introduces the core math that data science is built upon, with no extra complexity, introducing unfamiliar ideas and math symbols one-at-a-time. \n\nLearners who complete this course will master the vocabulary, notation, concepts, and algebra rules that all data scientists must know before moving on to more advanced material.\n\nTopics include:\n~Set theory, including Venn diagrams\n~Properties of the real number line\n~Interval notation and algebra with inequalities\n~Uses for summation and Sigma notation\n~Math on the Cartesian (x,y) plane, slope and distance formulas\n~Graphing and describing functions and their inverses on the x-y plane,\n~The concept of instantaneous rate of change and tangent lines to a curve\n~Exponents, logarithms, and the natural log function.\n~Probability theory, including Bayes' theorem.\n\nWhile this course is intended as a general introduction to the math skills needed for data science, it can be considered a prerequisite for learners interested in the course, \"Mastering Data Analysis in Excel,\" which is part of the Excel to MySQL Data Science Specialization. Learners who master Data Science Math Skills will be fully prepared for success with the more advanced math concepts introduced in \"Mastering Data Analysis in Excel.\" \n\nGood luck and we hope you enjoy the course!",

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Science (Professor Graham Priest, CUNY)\n3. Evolution and Design (Dr Kevin Scharp, St Andrews)\n4. Sin Suffering and Salvation: Evolutions Thorny Issues (Dr Bethany Sollereder, Oxford)\n5. Human Uniqueness in Science, Theology, and Ethics (Professor David Clough, Chester)\n\nThe first and second courses in the Philosophy, Science and Religion series, 'Science and Philosophy' and 'Philosophy and Religion' were launched in 2017 and you can sign up to these at any time. It is not necessary to have completed these courses to follow this course. However, completing all three courses will give you a broader understanding of this fascinating topic. Look for:\n\n• Philosophy, Science and Religion I: Science and Philosophy – <https://www.coursera.org/learn/philosophy-science-religion-1>\n• Philosophy, Science and Religion II: Philosophy and Religion – <https://www.coursera.org/learn/philosophy-science-religion-2>\nUpon successful completion of all three courses, students will:\n(1) Understand the main parameters at stake in the current debate between science and religion.\n(2) Have some familiarity with the relevant areas of science that feature in the debate—including cosmology, evolution, and the neurosciences—and will have begun to engage with them conceptually.\n(3) Have encountered key philosophical approaches to the interface between science and religion, and will have had the opportunity to engage them in practice.\n(4) Have embarked constructively in cross-disciplinary conversations.\n(5) Have demonstrated an openness to personal growth through a commitment to dialogue across intellectual and spiritual boundaries.\n\nYou can also follow us on Twitter at <https://twitter.com/EdiPhilOnline> and you can follow the hashtag #psrmooc",

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}
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will get you the skills to rise above the rest!\n\nWe will dive deep into the types and teach you how to translate your new knowledge into business success by leveraging personality and emotional intelligence in the workplace – wherever you may be! Join us!",

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{
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learned using Python within the course environment. During these lab-based sessions, learners will work through tutorials focusing on specific case studies to help solidify the week's statistical concepts, which will include further deep dives into Python libraries including Statsmodels, Pandas, and Seaborn. This course utilizes the Jupyter Notebook environment within Coursera.",

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ratios and run simple and multiple logistic regression analyses in R and interpret the output ",

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 "description": "The aim of this course is to promote critical thinking with regard to forensic science. Today, in general, most people are dazzled by the technical possibilities offered by forensic science. They somewhat live in the illusion that forensic evidence is fool proof and brings factual findings with 100% certainty. This course – given by specialists in the field – goes beyond the conventional image that is promoted through TV series such as CSI. It alerts (without alarming) the public on the limits of the techniques in order to promote a sound administration of forensic science in the criminal justice system. It allows participants to understand the importance of probabilistic reasoning in forensic science, because uncertainty is a constitutive part of forensic science. The course is constructed as a series of causes célèbres that could or have led to miscarriages of justice. Some of these cases have been part of case reviews carried out at the School of Criminal Justice of the University of Lausanne.",
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 "slug": "challenging-forensic-science",
 "instructorIds": "[8178206, 37028863, 36997714, 19974301]",
 "specializations": "[]",
 "partnerIds": "[159]",
 "name": "Challenging Forensic Science: How Science Should Speak to Court"
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 "FIELD1": 101,
 "courseType": "v2.ondemand",
 "description": "Covering the tools and techniques of both multivariate and geographical analysis, this course provides hands-on experience visualizing data that represents multiple variables. This course will use statistical techniques and software to develop and analyze geographical knowledge.",
 {id": "dgVe7vcFEee5QAoaLNzYmg",
 "slug": "multivariate-geographical-analysis",
 "instructorIds": "[29726256, 33034272]",
 "specializations": "[]",
 "partnerIds": "[287]",
 "name": "Multivariate and Geographical Data Analysis"
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{
 "FIELD1": 102,
 "courseType": "v2.ondemand",
 "description": "This course will review challenges for maternal and newborn health in the developing world, where a great many women and babies are suffering from complications during pregnancy, childbirth, and the days following birth. Themes covered

include the epidemiology of maternal and newborn mortality and morbidity, relevant issues for the global health workforce, community-based interventions to improve maternal and newborn health and survival, and sociocultural dynamics surrounding birth.\n\nThis course provides a broad overview of maternal and newborn health issues facing low-income and transitional countries, where more than 2.6 million babies are stillborn and nearly 500,000 women die during childbirth or from pregnancy-related complications each year. In the developing world, many women deliver at home without a skilled care provider, drugs, or technological supports. Maternal and newborn survival can be improved by mobilizing communities and improving access to skilled care.\n\nThrough lectures, case studies and readings, course participants will learn about delivery challenges for maternal and newborn health services and how to utilize community-based strategies to improve the health and survival of mothers and babies.",

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"slug": "childbirth",
"instructorIds": "[5240157]",
"specializations": "[]",
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"name": "Childbirth: A Global Perspective"
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},
{
"FIELD1": 103,
"courseType": "v2.ondemand",
"description": "Starting in the late 1990s, \"globalization\" became a buzzword to describe the apparent integration of markets in the world economy. Many authors and pundits claimed that the world was converging towards a market-friendly democratic place, while gurus and consulting firms were not short of formulae and advice on how to make profits out of the global economy. Decades later, new realities show that globalization does not mean political, cultural, and economic convergence and that forces against it are strong.\n\nThis course seeks to help you understand the forces of globalization and how cross-cultural management and the relationship of a multinational organization to various host countries is becoming more and more critical in today's global economy. This course begins with the discussion of these issues and global relationships and delves into a deeper understanding of business strategy in today's global business marketplace.\n\nUpon successful completion of this course, you will be able to:\n• Understand how we got here and why it matters\n• Understand the complexities of the current globalization (not all countries are the same)\n• Evaluate the effects of international trade regulations on international business\n• Evaluate when and why should we operate as multinationals\n\nThis course is part of the iMBA offered by the University of Illinois, a flexible, fully-accredited online MBA at an incredibly competitive price. For more information, please see the Resource page in this course and onlinemba.illinois.edu.",

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"id": "9LVz3HXtEeaisA57vr8X4Q",
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"partnerIds": "[17]",
"name": "Global Strategy I: How The Global Economy Works"
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"FIELD1": 104,
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"description": "Markets begins with one of the most common and important elements of the financial system – interest rates. You will learn why interest rates have always been a key barometer in determining the value of everything. You will explore the changing influence of interest rates; the impact of interest rates on consumption, investment and economic growth; and the bizarre realities of negative interest rates. Markets explains how interest rates change the value of all financial instruments, highlighting the role of the bond and stock markets that have toppled empires. We take a closer look at the equity pricing models and equity markets that reverberate across the globe, and explore everything from the first stock ever issued – by the Dutch East India Company – to the little-understood but powerful derivative securities market. By the end of the course, you will have developed insight into the intersections of the financial markets with worlds of policy, politics, and power. You will have demonstrated that insight by teaching an important financial concept and translating a financial product or transaction to someone who will clearly benefit from your advice.",

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"partnerIds": "[148]",  
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  "FIELD1": 105,  
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  "description": "Анализ данных и машинное обучение существенно опираются на результаты из математического анализа, линейной алгебры, методов оптимизации, теории вероятностей. Без фундаментальных знаний по этим наукам невозможно понимать, как устроены методы анализа данных. Задача этого курса – сформировать такой фундамент. Мы обойдёмся без сложных формул и доказательств и сделаем упор на интерпретации и понимании смысла математических понятий и объектов. \n\nДля успешного применения методов анализа данных нужно уметь программировать. Фактическим стандартом для этого в наши дни является язык Python. В данном курсе мы предлагаем познакомиться с его синтаксисом, а также научиться работать с его основными библиотеками, полезными для анализа данных, например, NumPy, SciPy, Matplotlib и Pandas.\n\nЗадания и видео разработаны на Python 2.",  
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  "instructorIds": "[349711, '143601', '3722005', '188273']",  
  "specializations": "[]",  
  "partnerIds": "[176, '468']",  
  "name": "Математика и Python для анализа данных"  
,  
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  "FIELD1": 106,  
  "courseType": "v2.ondemand",  
  "description": "Throughout the world, writing serves to express, record and even create meaningful moments. In academic spaces, writing becomes the bridge between ourselves and the world of ideas. In this course, we provide practical insights into how to write an academic essay. We show you how to develop the academic skills needed to be a competent academic writer. You will have an opportunity to engage with texts written by academics, and to see how some of the ideas in these texts are used by students in constructing an academic essay. We address some of the challenges these students face with respect to academic writing and offer you the opportunity to practice and to develop your own writing style. For this course, we centre our lessons around a specific topic – the concept of identity, since it forms such an important feature of how we locate ourselves in an ever-changing global world. In other words, this course teaches academic writing skills through getting you to write and reflect on your understanding of identity. So if you are thinking about studying at a tertiary institution, or if you just want to brush up on your academic essay writing skills, this course is for you!",  
  "id": "13c xmIVmEeaSuApRnRH4vw",  
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  "specializations": "[]",  
  "partnerIds": "[255]",  
  "name": "Writing your World: Finding yourself in the academic space"  
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  "FIELD1": 107,  
  "courseType": "v2.ondemand",  
  "description": "This course provides an introduction to International Organizations and the United Nations, and explores how business and management tools can be applied in these settings to achieve better, more effective results. With a focus on cross-sector partnerships in a changing world, the course offers you insights into the inner workings of international organizations and the challenges they face today. It will introduce you to effective, state-of-the art management tools and principles to help you lead change in this world – taught by senior staff of international organizations themselves. \n\nThis is an introductory course offered by the International Organizations MBA (IO-MBA) of the University of Geneva, an executive program for change-makers in international organizations, NGOs and social ventures.",  
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  "partnerIds": "[49]",  
  "name": "International Organizations Management"  
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"FIELD1": 108,
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"description": "Este es el primer curso en una línea de especialización de Coursera que trata el desarrollo de aplicaciones Web. Este curso le dará los conocimientos básicos, la terminología y los conceptos fundamentales que son necesarios para construir aplicaciones web integradas modernas. Un desarrollador de aplicaciones web integradas está familiarizado con cada \"capa\" de las tecnologías de software que participan en una aplicación web, incluidas las tecnologías de modelado de datos y bases de datos, los componentes del entorno de servidor web y middleware, protocolos de red, la interfaz de usuario y diseño visual básicos, y los conceptos de interacción del usuario.\n\nEn este curso vamos a aprender practicando. Vamos a empezar por el aprendizaje de los principales componentes de las arquitecturas de aplicaciones web, junto con los patrones de diseño fundamentales y filosofías que se utilizan para organizarlos. El alumno construirá y perfeccionará continuamente una aplicación web integrada totalmente funcional a medida que avanzamos a través de los módulos de este curso. En el camino el alumno llevará a cabo prácticas ágiles de desarrollo de software, numerosas herramientas que los ingenieros de software deben saber cómo utilizar, y un marco de desarrollo de aplicaciones web integradas modernas.",
"id": "u93dzIMGEeWMKBKa9I4u8Q",
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"instructorIds": "['3506150', '15808745']",
"specializations": "[]",
"partnerIds": "['120']",
"name": "Desarrollo de Aplicaciones Web: Conceptos Básicos"
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"FIELD1": 109,
"courseType": "v2.ondemand",
"description": "Safety culture is a facet of organizational culture that captures attitudes, beliefs, perceptions, and values about safety. A culture of safety is essential in high reliability organizations and is a critical mechanism for the delivery of safe and high-quality care. It requires a strong commitment from leadership and staff. In this course, a safe culture is promoted through the use of identifying and reporting patient safety hazards, accountability and transparency, involvement with patients and families, and effective teamwork.",
"id": "Rf7lg3xQEeeM4grXmQ48dg",
"slug": "patient-safety-culture",
"instructorIds": "['28357752']",
"specializations": "[]",
"partnerIds": "['8']",
"name": "Setting the Stage for Success: An Eye on Safety Culture and Teamwork
(Patient Safety II)"
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{
"FIELD1": 110,
"courseType": "v2.ondemand",
"description": "Systems science has been instrumental in breaking new scientific ground in diverse fields such as meteorology, engineering and decision analysis. However, it is just beginning to impact public health. This seminar is designed to introduce students to basic tools of theory building and data analysis in systems science and to apply those tools to better understand the obesity epidemic in human populations. There will also be a lab in which students will use a simple demonstration model of food acquisition behavior using agent-based modeling on standard (free) software (netlogo). The central organizing idea of the course is to examine the obesity epidemic at a population level as an emergent properties of complex, nested systems, with attention to feedback processes, multilevel interactions, and the phenomenon of emergence. While the emphasis will be on obesity, the goal will be to explore ways in which the systems approach can be applied to other non-communicable diseases both nationally and internationally. \n\nTopics will include:
a) the epidemiology of obesity across time and place,
b) theories to explain population obesity,
c) the role of environments and economic resources in obesity
d) basic concepts and tools of systems science,
e) modeling energy-balance related behaviors in context,
f) agent-based models, systems dynamic models, and social network models",
"id": "UIi0kNpgEeWP9RIK11q74w",
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"instructorIds": "['16417440', '853654', '18672677', '14969750', '16231611']",
"specializations": "[]",
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  "FIELD1": 111,
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  "description": "What is climate change ? How are mountain regions affected by the evolution of water resources and their uses ? What kind of risks need to be considered ?\n\nMountains are recognized as particularly sensitive physical environments where intense and rapid changes have in the past, and may increasingly in the future, place pressure on their resource base.\n\nIn this context, a team of roughly 100 experts worked from 2008 to 2013 for the European ACQWA project (www.acqwa.ch) which was coordinated by the University of Geneva. The primary objectives of the project were to assess the impacts of a changing climate on the quantity and quality of water originating in mountain regions, particularly where snow- and ice melt represent a large, sometimes the largest, streamflow component. A further objective of the project was to determine the potential disruptions to water-dependent economic activities related to the climate impacts on hydrological systems, and to propose a portfolio of possible adaptation strategies.\n\nThis particular MOOC is inspired by the ACQWA Project and offers a better understanding of climate change, its impacts on the quality and quantity of water in mountain regions and the risks related to changing water resources. From an interdisciplinary perspective, the participation of twenty-five instructors from five different countries (Switzerland, England, South Korea, India and Nepal) and fourteen institutions (UNIGE, RTS, UNIFR, UZH, ETHZ, Meteodat GmbH, WGMS, Imperial College London, Agroscope, République et Canton de Genève, Yonsei University, IHCAP, ICIMOD, SDC, FOEN) highlights the diversity of both theoretical and practical viewpoints related to these issues.\n\nBy the end of this course, you will be able :\n- to define the general concept of climate change in mountain regions\n- to understand the concepts associated with climate change such as adaptation and water governance strategies\n- to consider the impacts of climate change on water resources in mountain regions\n- to identify the impacts of climate change on hydropower, agriculture, aquatic ecosystems and health\n- to enumerate risks that can occur in mountain areas and lead to disruptions in water availability and use.\n\nYour acquired knowledge will be evaluated through multiple-choice quizzes at the end of each unit of the course.\n\nThis MOOC on \"Climate Change and Water in Mountain Regions : A Global Concern\" was initiated and financed by the University of Geneva, through its Institute for Environmental Sciences.\n\nWe look forward to you joining us !",
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  "specializations": "[ ]",
  "partnerIds": "[ '49' ]",
  "name": "Climate Change and Water in Mountains: A Global Concern"
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{
  "FIELD1": 112,
  "courseType": "v2.ondemand",
  "description": "Experienced Computer Scientists analyze and solve computational problems at a level of abstraction that is beyond that of any particular programming language. This two-part class is designed to train students in the mathematical concepts and process of \"Algorithmic Thinking\", allowing them to build simpler, more efficient solutions to computational problems.\n\nIn part 2 of this course, we will study advanced algorithmic techniques such as divide-and-conquer and dynamic programming. As the central part of the course, students will implement several algorithms in Python that incorporate these techniques and then use these algorithms to analyze two large real-world data sets. The main focus of these tasks is to understand interaction between the algorithms and the structure of the data sets being analyzed by these algorithms.\n\nOnce students have completed this class, they will have both the mathematical and programming skills to analyze, design, and program solutions to a wide range of computational problems. While this class will use Python as its vehicle of choice to practice Algorithmic Thinking, the concepts that you will learn in this class transcend any particular programming language.",
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  "name": "Algorithmic Thinking (Part 2)"
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  "FIELD1": 113,
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"courseType": "v2.on-demand",
"description": "What is “progress”? How do we decide when we’re moving forward and not taking steps backward? And how do we explore the idea of progress around public sites of memory? This Teach-Out is an invitation to think about what progress means, and how you can look for it wherever you are—in your city, community, or neighborhood—and reflect upon your own ideas about the place you live in.\n\nChanges in the built environment of our communities are themselves the result of human actions and intentions, such as municipal planning, commercial enterprises, or communities transforming their own space. In other words, in our cities we can see the results of our plans—our attempts to create and shape the future. Neighbors, political groups, corporations, governments, schools, and other organizations, they all shape the community, leaving traces that allow us to see in what directions they transformed our lives. \n\nThis Teach-Out will ask the following questions:\n• What are the forces that shape and change the places we inhabit?
• How do people connect with places in our modern cities?
• How can we measure in them whether there is any “progress”? \n\nWe will interview a number of people who work in Atlanta, Georgia, but the questions and places we will see here are comparable to many of other places in the world on what it means to progress. In this Teach-Out you will learn how to find the history of public spaces in any community and how to reflect upon the idea of progress. Finally, you can join a conversation to discuss what has been explored, uncovered, and possibly transformed both within ourselves and our communities.\n\nA Teach-Out is: – an event – it takes place over a fixed, short period of time – an opportunity – it is open for free participation to everyone around the world – a community – it will be joined by a large number of diverse individuals – a conversation – an opportunity to give and take ideas and information from people\n\nThis community learning event invites participants from around the world to come together in conversation with the Emory campus community, including faculty experts. This Teach-Out is part of Emory’s commitment to engage the local and global community in exploring and understanding problems, events, and phenomena most important to our society. \n\nOriginating from University of Michigan (Teach-Out.org), Teach-Outs are short learning experiences focused on a specific current issue. Attendees will come together over a few days not only to learn about a subject or event but also to gain skills. Teach-Outs are open to the world and are designed to bring together individuals with wide-ranging perspectives in respectful and deep conversation. These events are an opportunity for diverse learners and a multitude of experts to come together to ask questions of one another and explore new solutions to the pressing concerns of our global community. Come, join the conversation!",

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 "instructorIds": "[39999749]",
 "specializations": "[]",
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 "FIELD1": 114,
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 "description": "You already know how to build a basic web application with the Ruby on Rails framework. Perhaps, you have even taken Course 1, \"Ruby on Rails: An Introduction\" (we highly recommend it) where you relied on external web services to be your “data layer”. But in the back of your mind, you always knew that there would come a time when you would need to roll up your sleeves and learn SQL to be able to interact with your own relational database (RDBMS). But there is an easier way to get started with SQL using the Active Record Object/Relational (ORM) framework. In this course, we will be able to use the Ruby language and the Active Record ORM framework to automate interactions with the database to quickly build the application we want.\n\nIn Rails with Active Record and Action Pack, we will explore how to interact with relational databases by using Active Record, a Ruby gem, which Rails uses by default for database access. We will then take a look at what role Active Record plays in the overall request-response cycle, when a client (the browser) requests data from the server, as well as how to submit the data to the server. Of course, when accessing data, security is of paramount importance! We will talk about vulnerabilities such as SQL injection, as well as how to secure access to data by authenticating and authorizing users accessing the data. Take this course to build a Ruby on Rails application with Active Record to automate the detailed SQL interactions with our database.",

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        "name": "Rails with Active Record and Action Pack"
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        "description": "Understanding the characteristics of autism spectrum disorder (ASD) and their implications for behavior, learning and the ability to process information is critical for anyone working or interacting with those on the spectrum -- educators, clinicians, counselors, therapists, medical staff, family and employers. This course will give you a fundamental understanding of what ASD is, how it is diagnosed, the primary areas of impairment, and why prevalence is increasing. \\n\\nExamine the developmental and sensori-motor differences that may impact academic, play, social and self-help skills at different stages of life, including the transition to higher education and employment. Gain a clear understanding of how sensory regulation differs for individuals on the spectrum, and explore practical tools for identifying triggers and communicating feelings. Learn to use evidence-based practices to provide effective interventions and explore typical strengths and weaknesses of individuals on the spectrum in relation to identified impairments. \\n\\nThe course culminates with a description of the ASD system of care, an overview of the National Standards Report studies and treatments, and an explanation of how evidence-based practices are established and implemented.\\n\\nThose seeking a more in-depth, instructor-led experience are encouraged to check out the Professional Concentration in Autism offered by UC Davis Extension:  
https://extension.ucdavis.edu/certificate-program/professional-concentration-autism-spectrum-disorders",
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        "specializations": "[]",
        "partnerIds": "[83]",
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        "description": "In this course, we give an in-depth study of the TCP/IP protocols. We examine the details of how IP enables communications across a collection of networks. We pay particular attention to the hierarchical structure of IP addresses and explain their role in ensuring scalability of the Internet. The role of address prefixes and the uses of masks are explained in details. We review in details about TCP three-way handshake, flow control, and congestion control. Furthermore, we provide an introduction to some advanced topics, including Multicast, SDN and security",
        "id": "KfuykmTsEeqbxLIZ9M6nA",
        "slug": "tcp-ip-advanced",
        "instructorIds": "[26632591]",
        "specializations": "[]",
        "partnerIds": "[126]",
        "name": "TCP/IP and Advanced Topics"
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        "description": "Today, there is demand for people skilled in Sports Marketing. Organizations want your expertise to strength and grow customer bases and teams want to enlarge their fan base, attract new sponsors to their sport, build strong programs with existing sponsors, and run their fan conventions and other events. In addition, a wide range of companies recognize the value sports relationships have in positioning and building their brands. In this Sports Marketing MOOC, you will learn:\\n\\n- Ticket pricing strategies\\n- How a crisis might happen in sport\\n- How all types of companies are using sports to enhance and position their brands\\n- How to promote and market a sporting event\\n- How to develop sponsorships\\n- How to use social media to grow your team's follower base and promote your sporting events, conferences and conventions\\n\\nThe Sports Marketing MOOC was created by Professor Candy Lee of Northwestern's Medill School of Journalism and Integrated Marketing Communications. She is joined by experts in the many specialty topics important to Sports Marketing.",
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        "FIELD1": 118,
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        "id": "FgBcI0qwEeWzkQpjUi20vQ",
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        "description": "Любой растущей компании могут потребоваться инвестиции для финансирования дальнейшего роста. Для решения этой задачи в условиях нарастания неустойчивости деловой среды Вам понадобится понимание механизмов работы венчурной индустрии. Курс входит в специализацию “Корпоративные финансы и стоимость компании”, включающую 5 связанных курсов и заключительный прикладной проект “Мастерство создания стоимости компании”. \n\nЭтот курс позволит вам узнать: \n– как финансируется бизнес на этапе роста, \n– почему появились и как работают венчурные фонды и фонды прямых инвестиций, \n– кого они хотят видеть в качестве объекта инвестирования, \n– как готовить заявку на инвестиции и как она рассматривается фондом, \n– как фонд и компания сотрудничают в увеличении стоимости бизнеса, \n– когда и как осуществляется капитализация этой стоимости путем выхода венчурного инвестора из компании. \n\nДля освоения курса Вам потребуются знания финансовой отчетности, оценки стоимости и эффективности инвестиционных проектов, оптимизации структуры источников финансирования, которые предлагаются в курсах 1–3 специализации и уметь работать с Excel. \n\nВ ходе курса Вас ждут интересные лекции и увлекательные задания. \nКаждое из 4-х занятий предполагает оценочные тесты и заключительное экзаменационное задание.",
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be making edits to the course in time. Please be aware that at this time the instruction is entirely with Swift 2.",

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التحول الرقمي موضوع مثير للاهتمام ، ولكن ماذا يقصد به بالضبط؟ وماذا يعني " للشركات؟ في هذه الدورة التدريبية ، نتحدث عن التحول الرقمي بطريقتين . أولاً ، نناقش وتيرة التغيير والضرورة التي يفرضها لنجاح الأعمال . ثم نقدم سياق هذا التحول وما الذي يحتاج إليه لتحقيق النجاح في عصر التكنولوجيا الرقمية . وبعد ذلك ، نستعرض إطار ملكي مجموعة بوسطن الاستشارية (BCG) الذي يساعدك في تحديد المجالات الرئيسية التي يمكن تحويلها إلى الصيغ الرقمية ، ومنها ، بنهاية هذه الدورة التدريبية ، ستتمكن . الاستراتيجية ، والعمليات الأساسية ، والتكنولوجيا تقييم مزايا وصف علم الاقتصاد الذي يرتكز عليه الإبداع ، والتكنولوجيا ، وأضطراب السوق . من استخدام إطار مجموعة بوسطن التكنولوجيا الرقمية الحالية التي تدفع التقىم وعيوبها ، "للتحول الرقمي كمرجع \\"لكيفية\" " التحول الرقمي لمنظمتك (BCG) الاستشارية

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\n\n世上有許多事可以等待

\n他的骨在長，他的血在生

\n我們對他的一切不能答以「明天」

－智利詩人Gabriela Mistral

\n\n少年是我們國家未來的「希望」，如何提供他們一個健全發展的環境是各國致力的目標。本課程旨在探討當今少年的基本福利與權利，以及其所面臨的各種問題與挑戰，並討論影響少年問題產生之相關因素，以及社會工作領域在處理少年問題時所採用的對策。

此外，也將探討相關少年福利政策的意義與對社工實務的影響，並將強調以社會工作的觀點來深入討論上述各項與少年有關的議題或問題、影響問題形成的因素以及預防和輔導少年問題相關對策。（課程涵蓋國內外相關論述）\n\n因響應聯合國人權倡議課程計畫，特別將此門課的影片字幕更新為有英文字幕可以供學習者選擇，歡迎外國朋友一同來學習，不過英文學習部分，目前現階段計畫僅影片有英文字幕，其他學習資源、素材的語言更新，有待後續完整化。
另外在作業方面也新增了相關方案執行的範例提供大家參閱，也鼓勵同學在學習之餘，除了有擬定計畫的能力之外，也可以嘗試執行，進而對此領域有不同貢獻。
本課程之課程目標：

\n1) 對於少年之福利、權利議題有正確的認識。
2) 建立對少年族群正確的觀念，破除相關迷思與刻板印象。
3) 具備社會工作基礎專業知識來同理並協助處遇少年福利相關議題。

4) 能夠發揮社會正義的精神來倡導少年權利維護之相關議題。
本課程之授課形式：

本堂課將以演講影片為主，其中也包含實務工作者經驗分享與個案分析等，並穿插選擇題項的問題討論，帶動同學能將課堂知識與生活經驗連結、反思。此外，同學也必須完成線上討論與作業繳交，以及至少需觀看其他兩位同學的作業並給予評論。

本課程之修課背景要求：

修習本課程的同學，不需專業基礎，只要具備基本中文、英文閱讀能力，並對少年福利、權利及社會工作方法有興趣即可。

About the course (Course Introduction)
Many things we need can wait.
The child cannot.
Now is the time his bones are formed, his mind developed.
To him we cannot say tomorrow, his name is today."
—Gabriela Mistral
Youth are "hope" of our country's future, to provide them with a proper environment for development is a goal pursued by every country out there. This course aims to explore the basics of youth welfare and right as well as the various problems and challenges to be overcome. We will also discuss factors that affect the emerging youth problems and how social workers deal with such situation.
In addition, we will also explore the significance of youth welfare policy and its impact on the social work practices. We'll expand upon and discuss factors that affect the problems as well as prevention and consultation from social work perspective. The course will cover perspective from around the world.
In response to the SDG (Sustainable development goals) initiative project, this course is updated with English subtitle. Foreign students are welcomed to join us. However, the course now only features partial translation. Various resources will be updated with English translation in the future. Moreover, we've also added examples of program implementation to our homework. Students are encouraged to participate in related projects extend learning beyond the scope of this course.
The objectives of the course are:
1) To have proper understanding of obstacles faced when implementing youth welfare and rights.
2) To establish the correct concept of youth group, and dispel related myths and stereotypes.
3) To have the basic knowledge of social work to empathize and assist in dealing with issues related to the welfare of youth.
4) To

motivate students in protecting youth rights.\n\nCourse format \nThis course is consisted of lecture videos, featuring practitioners experience sharing, case analysis, mid-course discussion. Linking students' personal experience with knowledge provided in this course. In addition, students must also complete the online discussion and upload homework, and at least review and comment on two other students' homework.\n\nRecommended background\nStudents who study this course do not need to have a professional foundation as long as they have basic reading and writing skills and are interested in youth welfare, rights and social work methods.",

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  "description": "Курс является одной из первых попыток дать системный анализ развития промышленности, научного и инженерного образования, прикладных исследований с использованием одновременно историко-научного материала, современных сравнительно-экономических данных, системного анализа истории технологий. Системный исторический анализ проводится с целью найти решения для сегодняшнего дня. Автор является одновременно специалистом в истории науки и технологий и действующим руководителем современного научно-производственного предприятия в области новейших производственных технологий.\n\nПрограмма курса состоит из 5 недель. В течение первой недели речь пойдет об инженерном образовании в России, истории его появления и перспективах. На второй неделе мы поговорим о так называемых \"Технологических эпохах\" в мировой и Российской истории, и увидим, в каком пространстве создаются и развиваются новые технологии. В третьей и четвертой неделях вы узнаете о важной связи гуманитарного и технического образования, о \"Великих эпохах\" русской науки, а также о том, как взаимодействуют наука и технологии. После краткого экскурса в историю, вам предстоит подумать и понять, что же нас ожидает в
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будущем, и каким образом действовать сейчас, чтобы в новом научно-технологическом укладе Россия оказалась в числе лидеров.",

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    "partnerIds": "[176]",
    "name": "Промышленность, инженерное образование и наука: история и перспективы"
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{
  "FIELD1": 138,
  "courseType": "v2.ondemand",
  "description": "Neste curso, assumimos que você já sabe projetar e desenvolver programas mais complexos em Java, com método e organização graças às boas práticas e princípios exercitados no curso anterior; mas você talvez não se sinta ainda confortável em projetar programas usando técnicas ágeis, como o desenvolvimento guiado por testes (TDD). \n\nO objetivo deste curso é expor você aos princípios e práticas de desenvolvimento guiado por testes, tanto para modelar quanto para desenvolver aplicações e componentes de software, sem abandonar os conceitos e princípios de orientação a objetos aprendidos no curso anterior. De fato, preparamos que tais conceitos e princípios fortalecem o emprego do TDD no desenvolvimento ágil de software com mais qualidade. Este curso terá um grande foco em atividades hands-on, permitindo a você captar todos os aspectos práticos da técnica e facilitar a sua aplicação quando estiver projetando e desenvolvendo software de maneira ágil nos próximos cursos.\n\nOs conceitos de desenvolvimento de software com Java apresentados neste curso incluem o seguinte: revisão de testes de unidade; automação de testes; desenvolvimento guiado por testes; ciclo do TDD; refatoração de código de produção; ciclo de refatoração; uso de objetos stubs e mocks; boas práticas no TDD; modelagem de software por meio do TDD.\n\nAo final deste curso, você terá amadurecido de tal modo suas habilidades de programação que será capaz de implementar, agora usando o TDD, versões modificadas e estendidas do componente de gamificação constante do Trabalho de Conclusão da Especialização, com base nas boas práticas exercitadas neste curso."
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, {
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  "partnerIds": "[252]",
  "name": "TDD – Desenvolvimento de Software Guiado por Testes"
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{
  "FIELD1": 139,
  "courseType": "v2.ondemand",
  "description": "Learn about Smart Cities within the context of management of urban infrastructures. The introduction of Smart urban technologies into legacy infrastructures has resulted in numerous challenges and opportunities for contemporary cities and will continue to do so. This course will help you to understand how to make the best of these smart technologies in your cities' legacy infrastructures. \nOver the past few years, advances in the Information and Communication Technologies (ICTs) have significantly challenged the traditionally stable landscape of urban infrastructure service provision. This has resulted in increasing interest from both technology vendors and public authorities in the transition of cities towards so-called \"Smart Cities\". Although such \"Smart technologies\" can provide immense opportunities for citizens and service providers alike, the ICTs often act as disruptive innovators of urban infrastructure service provision.\nIn this MOOC, you will gain a thorough understanding of the challenges and opportunities associated with the Smart urban infrastructures, namely Smart urban transportation and Smart urban energy systems. Over the journey of this 5-week online course you will learn about the most important principles for the management of Smart urban infrastructures as well as the applications of these principles in the transportation and energy sectors. \nThis course does not have any prerequisites. However, to take the most away from this MOOC, we strongly encourage you to enroll in our other MOOC on the Management of Urban Infrastructures, which has been widely praised by learners. \nThrough this course, you will:\n- Gain a deep understanding of the nature of disruptive innovations (smart technologies) in urban infrastructure systems;\n- Learn about state-of-the-art strategies for effectively managing the transition from legacy infrastructures to smart urban systems;\n- Study the management of the transition phase from legacy infrastructure systems to smart cities by supporting innovations while avoiding early lock-in; and\n- Understand potential applications of the materials learned in this course within the context of the management of smart urban transportation systems as well as smart urban energy systems."
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"specializations": "[]",
"partnerIds": "[16]",
"name": "Smart Cities – Management of Smart Urban Infrastructures"
},
{
"FIELD1": 140,
"courseType": "v2.ondemand",
"description": "Are you a living creature? Then, congratulations! You've got DNA. But how much do you really know about the microscopic molecules that make you unique? \n\nWhy is DNA called the “blueprint of life”? \nWhat is a “DNA fingerprint”? \nHow do scientists clone DNA? \nWhat can DNA teach you about your family history? \nAre Genetically Modified Organisms (GMOs) safe? \nIs it possible to revive dinosaurs by cloning their DNA? \n\nDNA Decoded answers these questions and more. If you're curious about DNA, join Felicia Vulcu and Caitlin Mullarkey, two biochemists from McMaster University, as they explore the structure of DNA, how scientists cracked the genetic code, and what our DNA can tell us about ourselves. Along the way, you'll learn about the practical techniques that scientists use to analyze our genetic risks, to manipulate DNA, and to develop new treatments for a range of different diseases. Then, step into our virtual lab to perform your own forensic DNA analysis of samples from a crime scene and solve a murder.",
"id": "XtG-3iXXEee9kRIpW6HxRg",
"slug": "dna-decoded",
"instructorIds": "[25111224, 3568545]",
"specializations": "[]",
"partnerIds": "[148]",
"name": "DNA Decoded"
},
{
"FIELD1": 141,
"courseType": "v2.ondemand",
"description": "This course will introduce you to the wonderful world of Python programming! We'll learn about the essential elements of programming and how to construct basic Python programs. We will cover expressions, variables, functions, logic, and conditionals, which are foundational concepts in computer programming. We will also teach you how to use Python modules, which enable you to benefit from the vast array of functionality that is already a part of the Python language. These concepts and skills will help you to begin to think like a computer programmer and to understand how to go about writing Python programs.\n\nBy the end of the course, you will be able to write short Python programs that are able to accomplish real, practical tasks. This course is the foundation for building expertise in Python programming. As the first course in a specialization, it provides the necessary building blocks for you to succeed at learning to write more complex Python programs.\n\nThis course uses Python 3. While many Python programs continue to use Python 2, Python 3 is the future of the Python programming language. This first course will use a Python 3 version of the CodeSkulptor development environment, which is specifically designed to help beginning programmers learn quickly. CodeSkulptor runs within any modern web browser and does not require you to install any software, allowing you to start writing and running small programs immediately. In the later courses in this specialization, we will help you to move to more sophisticated desktop development environments.",
"id": "7zlrfeNdEeafIArLeQBXwg",
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"specializations": "[]",
"partnerIds": "[13]",
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{
"FIELD1": 142,
"courseType": "v2.ondemand",
"description": "At the center of a good story are the characters in it. In this course aspiring writers will discover how to build and bring to life complex, vivid and unforgettable characters. We will study the choices a writer makes to bring all characters to life on the page, and we will perform written exercises in order to develop a variety of writing and pre-writing techniques, in order to create a variety of characters. We will learn how to use our own life experiences, and the people we know (and how not to!). We will develop inner (thoughts and feelings) and outer (appearance, habits, behavior) lives for our characters and see how that can lead us to richer and
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more interesting stories. We will breathe life into our characters and let them surprise us.",

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    "instructorIds": "[17099594]",
    "specializations": "[]",
    "partnerIds": "[34]",
    "name": "Creative Writing: The Craft of Character"
},  
{
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"FIELD1": 143,
 "courseType": "v2.ondemand",
 "description": "This course \"FinTech Risk Management\" help you understand risk management and corporate governance in finance industry with the disruption by FinTech and RegTech. You will become more confident to analyse and make recommendations to develop business strategies balancing the risks in operation, reputation and the stability of finance firms.\n\nYou will learn about new challenges of compliance with financial requirements and government regulations and how you can deal with these changes, strategies in analysing FinTech risk and how operation risks increase in finance industry in this changing environment. As tech firms are now becoming more like finance firms such as Alibaba, Apple, and Tencent etc., you will learn about the importance of IT compliance and assurance and practical skills in dealing with these changes.",

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    "partnerIds": "[35]",
    "name": "FinTech Risk Management"
},  
{
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"FIELD1": 144,
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 "description": "This course will introduce the learner to text mining and text manipulation basics. The course begins with an understanding of how text is handled by python, the structure of text both to the machine and to humans, and an overview of the nltk framework for manipulating text. The second week focuses on common manipulation needs, including regular expressions (searching for text), cleaning text, and preparing text for use by machine learning processes. The third week will apply basic natural language processing methods to text, and demonstrate how text classification is accomplished. The final week will explore more advanced methods for detecting the topics in documents and grouping them by similarity (topic modelling). \n\nThis course should be taken after: Introduction to Data Science in Python, Applied Plotting, Charting & Data Representation in Python, and Applied Machine Learning in Python.",

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    "specializations": "[]",
    "partnerIds": "[3]",
    "name": "Applied Text Mining in Python"
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"FIELD1": 145,
 "courseType": "v2.ondemand",
 "description": "Learn about traditional and mobile malware, the security threats they represent, state-of-the-art analysis and detection techniques, and the underground ecosystem that drives such a profitable but illegal business.\n\nMalicious Software and its Underground Economy: Two Sides to Every Story is a short, introductory, and experimental (i.e., pilot) course featuring 6 lectures. Each lecture lasts roughly anything between 1h and 1.5h and is logically divided in a number of ~15 mins self-contained units. Although a non-negligible effort has been made to fulfill this breakdown, some units last definitely longer and require a bit more effort---just pause the video and take a break ;-\n\nIn addition, the course features 6 multiple-choices mandatory quizzes (i.e., 1 per lecture) and 1 bonus quiz. Passing all the mandatory quizzes awards a \"pass\" mark of the course, while passing all the mandatory quizzes and the bonus one awards a \"distinction\" mark.",

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    "instructorIds": "[1347691]",
    "specializations": "[]",
    "name": "Malicious Software and its Underground Economy: Two Sides to Every Story"
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"partnerIds": "[['26']]",
"name": "Malicious Software and its Underground Economy: Two Sides to Every Story"
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{
  "FIELD1": 146,
  "courseType": "v2.ondemand",
  "description": "Le cours porte sur les usages généralement admis en matière de rédaction de contrats commerciaux, dans leur forme continentale ou anglo-saxonne. Les principales clauses de ces contrats sont examinées, à l'aide d'exemples tirés de contrats classiques.",
  "id": "JV2US53WEeW4xRJkiwxnYw",
  "slug": "contrats",
  "instructorIds": "[['6103741']]",
  "specializations": "[]",
  "partnerIds": "[['49']]",
  "name": "Rédaction de contrats"
},
{
  "FIELD1": 147,
  "courseType": "v2.ondemand",
  "description": "El aprendizaje de máquinas es una rama de la inteligencia artificial dedicada al estudio de métodos para dotar a los agentes artificiales de la capacidad de aprender a partir de ejemplos y/o experiencia. Los métodos de aprendizaje de máquinas pueden generar modelos de problemas complejos a través de instancias específicas, los cuales son capaces de generalizar y/o adaptarse a situaciones nuevas. Estos modelos han permitido llevar a cabo muchas nuevas aplicaciones en áreas muy diversas como generación de descripciones de imágenes, predicción de readmisión hospitalaria o detección de partículas subatómicas. En la actualizada frecuentemente interactuamos con modelos de aprendizaje de máquinas en diversas actividades de nuestra vida cotidiana. Por ejemplo, cuando utilizamos el teclado virtual en nuestros teléfonos móviles, un modelo de aprendizaje de máquinas trata de predecir la siguiente palabra que queremos escribir a partir de nuestro patrón de escritura y la de otros usuarios. De igual manera, al realizar una búsqueda en Internet, un modelo de aprendizaje de máquinas identifica los documentos más relevantes a ser mostrados de todos los posibles documentos usando nuestro historial de búsqueda. Al tomar una foto con nuestra cámara digital, un modelo de aprendizaje de máquinas detecta los rostros en la escena para poder enfocarlos de forma adecuada.\n\nEste es un curso básico introductorio al aprendizaje de máquinas con un enfoque práctico, el cual aborda tanto los fundamentos generales como métodos específicos y algunos aspectos prácticos. El curso aborda tanto el aprendizaje supervisado como el aprendizaje sin supervisión. Los métodos que se presentan en el curso son regresión lineal, regresión logística, redes neuronales y K-medias.",
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  "partnerIds": "[['58']]",
  "name": "Aprendizaje de máquinas"
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{
  "FIELD1": 148,
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  "description": "Le Mooc géopolitique de l'Europe offre un parcours dynamique sur les enjeux et les tensions internes de l'Union européenne comme sur ses interactions avec le reste du monde. Par les cartes, l'iconographie, les vidéos, l'infographie et les jeux de rôle, le Mooc restitue les principaux enjeux géopolitiques propres à l'Europe, tout en insistant sur les représentations dont elle est l'objet dans le monde. Résolument pluri-disciplinaire, ce mooc offre aux apprenants une boîte à outils forgés par le recours à une combinaison originale d'histoire, de géopolitique, d'économie, de science politique, de géographie, et de droit.\nFormat : le parcours pédagogique est progressif et modulaire. Il se décline en sept séquences thématique. Chacune d'elle bénéficie d'une variation de l'échelle et de l'angle d'approche. A chaque séance, l'exploration du problème principal est pensée comme un cheminement libre mais bien balisé par six étapes : une mise en situation cartographique, l'étude d'un corpus documentaire, un gros plan sur les perceptions nationales et un éclairage sur l'actualité. Les acquis de ces quatre premières étapes peuvent ensuite être testés dans un quizz d'évaluation, et mis en pratique lors du jeu de rôle final ou serious game : un scenario européen, une mission et ... des décisions à prendre !\nLa septième séance propose des analyses nouvelles pour mettre l'actualité de l'année 2016 en perspective.",
  "id": "awXhkY6qEeWBSw79YYA_8Q",
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"slug": "geopolitique",
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"name": "Géopolitique de l'Europe"
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{
  "FIELD1": 149,
  "courseType": "v2.ondemand",
  "description": "This course, Instructional Design Foundations, is an introductory course as part of Instructional Design MasterTrack Certificate. This particular course will introduce learners to the conceptual and theoretical foundations of instructional design as well as the analysis aspect of instructional systems design in order to create an innovative instructional solution to performance problems in organizations. \nUpon successful completion of this course, you will be able to:\n●Describe the major concepts of instructional systems design\n●Describe the major learning and instructional theories\n●Describe the process of instructional design and instructional design models\n●Describe various analysis activities for instructional design",
  "id": "LSKyLoqnEeiA2BLnQCAh6g",
  "slug": "instructional-design-foundations-applications",
  "instructorIds": "[32400437']",
  "specializations": "[]",
  "partnerIds": "[17']",
  "name": "Instructional Design Foundations and Applications"
},
{
  "FIELD1": 150,
  "courseType": "v2.ondemand",
  "description": "In this course, you will develop the knowledge and skills to assess and stabilize certain types of patients for transport. By the end of this course, you will be able to: (1) Identify the signs and symptoms associated with a patient in shock, to describe the major categories of shock, to assess a patient with signs of shock and formulate a plan for treatment to stabilize the patient for transport, (2) Identify a patient in cardiac arrest and to describe the components of high performance CPR including placement of an AED, components of quality chest compressions, and options for oxygenation, (3) Identify a patient with under the influence of a drug of abuse or a toxicologic ingestion, assess a patient with a potential or known ingestion, and to formulate a plan for treatment and stabilization for transport including that of a violent patient, (4) Identify the symptoms associated with the most common environmental emergencies including hypothermia, hyperthermia, lightning strike and drowning, to assess patients with an environmental emergency and to describe initial treatment and stabilization for transportation and (5) Understanding your patient's story as well as to think critically about the complaint and symptoms associated with the gastrointestinal track, renal system, and the reproductive system.",
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  "instructorIds": "[31865193', '31906087', '29207876', '37546177']",
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  "partnerIds": "[126']",
  "name": "Medical Emergencies: CPR, Toxicology, and Wilderness"
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{
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  "description": "The capstone will develop a professional-quality web portfolio. Students will demonstrate the ability to design and implement a responsive site for a minimum of three platforms. Adherence to validation and accessibility standards will be required. The evolving student implementations will be reviewed each week by capstone peers and teaching assistants to make sure that the student keeps up with the agenda of the course. \nUpon completion of this course students will feel comfortable creating and/or updating existing front-end sites, utilizing existing frameworks, and testing sites for accessibility compliance.\n\nThis course is only open to students who have completed the first four courses in the Web Design for Everybody specialization: Introduction to HTML5, Introduction to CSS3, Interactivity with JavaScript, and Advanced Styling with Responsive Design."
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  "instructorIds": "[14130305', '122340']",
  "specializations": "[]",
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"partnerIds": "[ '3' ]",
"name": "Web Design for Everybody Capstone"
},
{
  "FIELD1": 152,
  "courseType": "v2.ondemand",
  "description": "In this course you will be introduced to the basic ideas behind the qualitative research in social science. You will learn about data collection, description, analysis and interpretation in qualitative research. Qualitative research often involves an iterative process. We will focus on the ingredients required for this process: data collection and analysis.\nYou won't learn how to use qualitative methods by just watching video's, so we put much stress on collecting data through observation and interviewing and on analysing and interpreting the collected data in other assignments.\nObviously, the most important concepts in qualitative research will be discussed, just as we will discuss quality criteria, good practices, ethics, writing some methods of analysis, and mixing methods.\nWe hope to take away some prejudice, and enthuse many students for qualitative research.",
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  "partnerIds": "[ '131' ]",
  "name": "Qualitative Research Methods"
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{
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  "name": "Write Like Mozart: An Introduction to Classical Music Composition"
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{
  "FIELD1": 154,
  "courseType": "v2.ondemand",
  "description": "In this class, we will derive equilibrium outcomes across a variety of market structures. We will begin by understanding equilibrium under a market structure called Perfect Competition, a benchmark construction. Economists have tools to measure the efficiency of market outcomes. We next consider the polar extreme of a competitive market: a monopoly market. We will determine the monopoly equilibrium price and quantity and efficiency properties. Much economic activity takes place in markets with just a handful of very large producers. To understand equilibrium in these oligopoly markets requires more careful attention to strategic interdependence. To capture this interdependence, we consider collusive arrangements among a small number of rivals as well as the use of simple game theoretic techniques to model equilibrium. Market Failure describes situations where markets fail to find the efficient outcome. Information asymmetries are one fertile form of market failure. Another form of market failure occurs when externalities are present. We will examine one key externality, pollution, and construct a policy prescription to mitigate the negative efficiency impacts of this externality.\nUpon successful completion of this course, you will be able to:\n• Explain how different market structures result in different resource allocations.\n• Model the impact of external shocks to a particular market structure and demonstrate the new equilibrium price and quantity after the impact of this external shock has played out.\n• Evaluate the efficiency of an equilibrium. Different market structures produce different levels of efficiency.\n• Explain when and why the government might intervene with regulatory authority or antitrust litigation to lessen inefficiencies in some markets.\n• Describe how information problems can cause inefficient outcomes.\n• Understand externalities and consider optimal government response to these market failures.\n\nThis course is part of the iMBA offered by the University of Illinois, a flexible, fully-accredited online MBA at an incredibly competitive price. For more information, please see the Resource page in this course and onlinemba.illinois.edu."
}
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"specializations": "[]",
"partnerIds": "[17]",
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{
  "FIELD1": 155,
  "courseType": "v2.ondemand",
  "description": "In this course, you'll learn the key components of modern-day investment strategies which utilize fintech. Professors Natasha Sarin and Chris Geczy of the Wharton School have designed this course to help you understand the complex structure of payment methods and financial regulations, so you can determine how fintech plays a role in the future of investing. Through analysis of robo-advising and changing demographic forces, you'll learn how basic elements of trust underlie complex choice architecture in investments and impact investing. You'll also explore payment methodologies and how fintech is emerging as an entrepreneurial solution to both investments and payment systems. By the end of this course, you'll be able to identify different financial technologies, and understand the dynamic between the innovations and regulations, and employ best practices in developing a fintech strategy for yourself or your business. No prerequisites are required for this course, although a basic understanding of credit cards and other payment methods is helpful.",
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  "slug": "wharton-fintech-overview-payments-regulations",
  "instructorIds": "[14265595, 41845090]",
  "specializations": "[]",
  "partnerIds": "[6]",
  "name": "FinTech: Foundations, Payments, and Regulations"
},
{
  "FIELD1": 156,
  "courseType": "v2.ondemand",
  "description": "An immersive experience in the world of sports that will take students through the four stages of a professional athlete's career. Utilizing lectures, guest speakers, reading assignments and hypothetical walkthroughs, students will learn how the best sports agents manage clients at each of these four stages.\n\nThis course will provide each student with the skills necessary to guide an athlete through the difficult decisions that can make or lose the athlete millions of dollars, as well as affect their public image and career. Walking through the four stages of an athlete's career, we will provide a broad scope of the landscape of amateur and professional sports so that you can avoid the pitfalls and traps that so many have fallen into in the past; not to mention, bringing you updates throughout the course regarding the rapidly changing sports world that we live in today. Analyzing the best practices in the management of the superstar athletes with whom Professor Carfagna, Professor Volante and their expert guests have worked, we will show you how to manage the career of any professional athlete who might seek your guidance at any stage of his or her professional career.",
  "id": "JVtxhFi2EeWPXA4vXFBIfw",
  "slug": "sports-agent",
  "instructorIds": "[8603010, 8602996]",
  "specializations": "[]",
  "partnerIds": "[68]",
  "name": "Becoming a Sports Agent"
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{
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certainly closing, and all life must adapt or be doomed."\\n\\nTéa Obreht, \\nThe New Yorker, Dec. 19&26, 2016, p. 106.\\n\\nIt is a frightening prospect indeed – that all life on Earth must either adapt or be doomed. This course is about landscape degradation – a global and wicked problem that is contributing to the dooming prospect of depletion of Earth's finite resources. But this course is also about the solutions to this problem – business driven landscape restoration.\\nSo rather than leaving you powerless with the prospect Obreht puts towards above, it is our hope that you learn how you can be part of the solution to making sure that Planet Earth still provides a safe and habitable home for future generations. \\nWe must act big and we must act now.\\nWith this course we want to pass on valuable knowledge and teach you useful skills that you can apply in your professional life that will enable you to tackle the issue of landscape degradation and restoration. \\nThe issue is urgent, so let's dive right into it.\\n\\nThis MOOC is developed by the ENABLE partnership, which is co-funded by the ERASMUS+ programme of the European Commission and involves a diverse, international group of organizations including Rotterdam School of Management, Erasmus University, Commonland, United Nations University Land Restoration Training Programme, the Spanish National Research Council and Estoril Global Conferences.",

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русского языка с преподавателями Томского государственного университета можно на онлайн-курсах «Зарисовки о Сибири. Город Томск» и «Русский язык как инструмент успешной коммуникации».",

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develop a response to these questions, and we will explore the notion that the classical musician, the artist, is an important public figure with a critical role to play in society.\n \nThe course will include inquiry into a set of ideas in philosophy of aesthetics; a discussion about freedom, civil society, and ways that art can play a role in readying people for democracy; discussion on philosophy of education as it relates to the question of positive social change; and an exploration of musical and artistic initiatives that have been particularly focused on a positive social impact.\n \nGuiding questions for this course inquiry will include:\n \n - How can classical music effect social change?\n - How has music made positive change in communities around the globe?\n - What can the field of classical music learn from other movements for social change?\n - How have educators and philosophers thought about the arts and their connection to daily contemporary life?\n \nEach class will explore one critical question through lectures, discussions, interviews, or documentaries.",
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- Understand the relevant regulations governing the internal European Union market
- Establish and run a company within the European Union
- Employ staff and recognize workers' rights and obligations
- Comply with tax regulations and environmental standards
- Set up agreements and resolve cross-border disputes
- Successfully analyse EU case law and draft case reports

About the Series
The Lund series in European Business Law ranges from considering the basic structures and principles of the European Union to focusing on specialized areas of European Union law. The first course, Understanding the Fundamentals, examines the core structures and principles of the European Union. The third and final course, Competing in Europe, goes into depth concerning how to compete on the internal market and protect your brand, product or invention. All three courses can be taken independently or in sequence depending on your needs and preferences.

To keep up to speed on the course series, visit our Facebook page at:
<https://www.facebook.com/eblmooc/>
Syllabus and Format
Each course consists of a number of modules where one module represents about one week of work. A module includes a number of lectures and readings, and finishes with an assessment – a quiz or a peer graded assignment. The assessments are intended to encourage learning and ensure that you understand the material of the course. Participating in forum discussions is voluntary.
Course I – Understanding the Fundamentals
Module 1.\tIntroduction
Module 2.\tLegal Method and Sources
Module 3.\tConstitutional Freedoms and Fundamental principles
Module 4.\tFreedom of Movement
Module 5.\tThe External

Dimension \n\nCourse II – Doing Business in Europe \n\nModule 1. \tMaking Business Transactions\nModule 2. \tEstablishing a Company\nModule 3. \tEmploying and Working in Europe\nModule 4. \tPaying Taxes and Complying with Environmental Standards \nModule 5. \tCase Clinic\nModule 6. \tResolving Cross-border Disputes \n\nCourse III – Competing in Europe\n\nModule 1. \tTrademarks as essential Assets\nModule 2. \tDefending Patents\nModule 3. \tCompetition: Illegal Agreements \nModule 4. \tCompetition: Abuse of Dominance and Mergers \nModule 5. \tLegal Writing and Argumentation\nModule 6. \tSelling to the State and State Aid \n\nLund University\nLund University was founded in 1666 and has for a number of years been ranked among the world's top 100 universities. The University has 47 700 students and 7 500 staff based in Lund, Sweden. Lund University unites tradition with a modern, dynamic, and highly international profile. With eight different faculties and numerous research centers and specialized institutes, Lund is the strongest research university in Sweden and one of Scandinavia's largest institutions for education and research. The university annually attracts a large number of international students and offers a wide range of courses and programmes taught in English. \n\nThe Faculty of Law is one of Lund University's four original faculties, dating back to 1666. It is a modern faculty with an international profile, welcoming both international and Swedish students. Education, research and interaction with the surrounding community are the main focus of the Faculty's work. The connection between the three is particularly apparent in the programmes and courses offered by the university, including the university's MOOC course in European Business Law. The students get the chance to engross themselves in traditional legal studies, while interacting with both researchers and professionally active lawyers with qualifications and experience from various areas of law.\n\nThe faculty offers three international Masters: two 2-year Master's programmes in International Human Rights Law and European Business Law, and a 1-year Master's in European and International Tax Law. Students from around 40 countries take part in the programmes which offer a unique subject specialization within each field, with highly qualified researchers and professional legal practitioners engaged in the teaching.

\n\nThe Master's programme in European Business Law provides an in-depth understanding of both the practical and the theoretical aspects of business law within the European Union. The programme provides both general and specific knowledge of the European Union legal framework, which is necessary for students intending to work as legal advisors or business decision-makers. The programme is delivered in English and is open to students with at least a three year degree in Law (Bachelor, LL.B, or equivalent) who want to specialise in European economic and business law.\n\nThe MOOC course in European Business Law is a great course to start with for students intending to apply for the Master's programme in European Business Law. Even though the MOOC course does not grant credits previous knowledge of the subject is considered upon admission to the master's programme. For more information about the Master's programme in European Business Law see <https://www.law.lu.se/#!meb>,

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    "description": "Nach einem ersten Überblick über die Geschichte von ML erfahren Sie in diesem Kurs, weshalb heute mithilfe neuronaler Netzwerke viele Probleme so erfolgreich gelöst werden können. Wir erklären anschließend, wie Sie überwachtes Lernen zur Problemlösung einrichten und mithilfe des Gradientenverfahrens gute Ergebnisse erzielen. Dazu sind Datasets erforderlich, mit denen die Generalisierung möglich ist. In diesem Kurs zeigen wir Ihnen, wie Sie Datasets auf wiederholbare Weise erstellen, um Experimente zu ermöglichen.\n\nKursziele:\nErkennen, warum Deep Learning derzeit beliebt ist\nModelle anhand von Verlustfunktionen und Leistungsmesswerten optimieren und auswerten\nHäufige Probleme rund um maschinelles Lernen minimieren\nWiederholbare und skalierbare Datasets zum Trainieren, Auswerten und Testen erstellen",  
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    "name": "Launching into Machine Learning auf Deutsch"  
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    "description": "Focusing on the Large Marine Ecosystems (LMEs) of the world, this course will introduce the concept and practice of ecosystem-based management. LMEs occupy areas of coastal ocean at least 200 000 km2 or greater in size. These coastal waters produce 12.6 trillion USD in ecosystem goods and services annually and are vitally important for billions of people around the globe.\n\nBecause LMEs are bounded by ocean features and are globally linked, management of human activities needs to occur in an integrated fashion across political boundaries and economic sectors (e.g. fishing, shipping, energy, tourism, and mining.) This represents a new type of management approached – shifting from single sector-based to multi-sector assessment and management within the spatial domain of the world's 66 Large Marine Ecosystems. There is global high-level support for this new approach and in this course, we will introduce the concepts and tools for assessing and managing LMEs.\n\nTogether, leaders and experts in a global movement to recover and sustain the goods and services of LMEs will introduce you to the mechanisms used for assessment (Transboundary Diagnostic Analysis), planning and implementation (Strategic Action Programme). Based on recent activities in implementation and practice of the LME approach in 22 projects around the globe, we will showcase examples of effective management at this scale, and highlight the challenges and issues. By the end of the online course, we hope you will be able to actively use this knowledge to advance sustainable development of the world's oceans.\n\nThe course was created with the support and input of: the Global Environment Facility (GEF), the United Nations Development Program (UNDP), the National Oceanic and Atmospheric Administration (NOAA), UNESCO-IOC and IW:LEARN.",  
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learned, this final project will hone your skills as a musician.",
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1. A realistic goal weight with a specific plan for rate of weight loss and time frame for achieving goal weight.
2. A realistic goal for the frequency, duration, and intensity of exercise that will enable the learner to achieve and maintain the goal weight.
3. A specific set of strategies for grocery shopping, eating in restaurants, eating at social occasions, and dealing with hunger and emotional eating.
4. A plan for monitoring food intake, exercise and weight loss.
5. A plan for continued evaluation of progress to goals and strategies for adjusting goals for continued weight loss for the next 6 months or longer.
6. A thorough understanding of the difficulty of maintaining weight loss and a plan for maximizing the chances of keeping off the weight lost.",
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 "name": "Introduction to Blockchain: Benefits, Values and Opportunities"
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 "courseType": "v2.ondemand",
 "description": "Want to know how to query and process petabytes of data in seconds? Curious about data analysis that scales automatically as your data grows? Welcome to the Data Insights course!\n\nThis 1-week, accelerated online course teaches participants how to derive insights through data analysis and visualization using the Google Cloud Platform. The course features interactive scenarios and hands-on labs where participants

explore, mine, load, visualize, and extract insights from diverse Google BigQuery datasets. The course covers data loading, querying, schema modeling, optimizing performance, query pricing, and data visualization.\n\nPREREQUISITES\nTo get the most out of this course, participants must complete the prior courses in this specialization:\n• Exploring and Preparing your Data\n• Storing and Visualizing your Data\n• Architecture and Performance\n>>> By enrolling in this specialization you agree to the Qwiklabs Terms of Service as set out in the FAQ and located at:
[<<<](https://qwiklabs.com/terms_of_service),

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{
"FIELD1": 186,
"courseType": "v2.ondemand",
"description": "Learn how debt and equity can be used to finance infrastructure investments and how investors approach infrastructure investments! \n\nAccording to the OECD, the global infrastructure investment requirement by 2030 for transport, electricity generation, transmission & distribution, and water & telecommunications totals to 71 trillion dollars. This figure represents about 3.5% of the annual World GDP from 2007 to 2030.\n\nThe European Commission estimated, that by 2020, Europe will need between 1.5 – 2 trillion Euros in infrastructure investments. Between 2011 and 2020, about 500 billion Euros will be required for the implementation of the Trans-European Transport Network (TEN-T) program, 400 billion Euros for Energy distribution networks and smart grids, 200 billion Euros on Energy transmission networks and storage, and 500 billion Euros for the upgrade and construction of new power plants. An additional 38 – 58 billion Euros and 181 – 268 billion Euros in capital investment will be needed to achieve the targets set by the European Commission for broadband diffusion.\n\nTraditionally investments in

infrastructure were financed using public sources. However, severe budget constraints and inefficient management of infrastructure by public entities have led to an increased involvement of private investors in the business. \n\nThe course focuses on how private investors approach infrastructure projects from the standpoint of equity, debt, and hybrid instruments. \n\nThe course concentrates on the practical aspects of project finance: the most frequently used financial techniques for infrastructure investments. The repeated use of real life examples and case studies will allow students to link the theoretical background to actual business practices.\n\nIn the end of the course, students will be capable of analyzing a complex transaction, identifying the key elements of a deal, and suggesting proper solutions for deal structuring from a financial advisor's perspective.\n\nCourse Format\nThe course will consist of lecture videos, readings, and talks given by guest speakers. Although we do hope you will attend the entire course, it is possible to just focus on single topics.\n\nSuggested Readings\nThe course is designed to be self-contained, there are no obligatory readings that must be acquired outside of the course. \nFor students interested in additional study material, you may refer to:\n• Gatti Stefano, "Project Finance in theory and practice", Academic Press, 2nd edition, 2012.",

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  "description": "Aprende un proceso eficiente y efectivo para escribir canciones que expresen tus ideas y emociones, incluyendo una gama de herramientas que giren alrededor del concepto de prosodia; la adecuaci\u00f3n de letra y m\u00fasica para apoyar tu mensaje subyacente.\n\nEsta obra fue financiada con una donaci\u00f3n del Banco Inter-American de Desarrollo con recursos del Fondo Coreano para la Reducci\u00f3n de la Pobreza. \n\nLas opiniones expresadas en esta obra son exclusivamente de los autores y no necesariamente reflejan el punto de vista del Banco Interamericano de Desarrollo, de su Directorio Ejecutivo ni de los pa\u00f1ses que representa.\n\nEl Banco Interamericano de Desarrollo no garantiza la veracidad de la data incorporada en esta obra.\n\nPuedes cambiar el idioma en Coursera de ingl\u00e9s al espa\u00f1ol utilizando la p\u00e1gina de ajustes de tu cuenta. Para cambiar los ajustes en tu cuenta de Coursera sigue los siguientes pasos:\n1. Ve a coursera.org\n2. En la esquina derecha superior haz click en el peque\u00f1o tri\u00e1ngulo invertido que est\u00e1 a lado de tu nombre y foto.\n3. Haz click en 'Settings'.\n4. Selecciona el recuadro debajo de 'Language' (idioma), selecciona espa\u00f1ol y salva los cambios realizados.\n\nCoursera ofrece ayuda financiera a los estudiantes que no pueden pagar los cursos y necesiten de una beca. Los estudiantes con ayuda financiera podr\u00e1n tener acceso a todo el contenido del curso y completar todo el trabajo requerido para adquirir el Certificado de Coursera. La ayuda financiera solo aplica al curso en el que se aprob\u00f3 la solicitud de ayuda financiera. Para aplicar haz click en la opci\u00f3n \"Learn More and Apply\" (aprende mas y aplica) debajo del men\u00fa a la izquierda."
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{
  "FIELD1": 188,
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  "description": "Often called \"the cornerstone\" of public health, epidemiology is the study of the distribution and determinants of diseases, health conditions, or events among populations and the application of that study to control health problems. By applying the concepts learned in this course to current public health problems and issues, students will understand the practice of epidemiology as it relates to real life and makes for a better appreciation of public health programs and policies. This course explores public health issues like cardiovascular and infectious diseases – both locally and globally – through the lens of epidemiology."
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{  
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{  
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  "description": "This introductory course provides a framework for incorporating integrative therapies into your work with clients or patients. By the end of the course, you will be able to assess if integrative therapies are good options in specific situations, as well as educate patients and colleagues about benefits and risks. You will be confident discussing the evidence base for integrative therapies in general, with an understanding of some of the challenges of research in this area, and able to identify reliable sources of evidence-based information. You will leave with the skills to partner with patients or clients around use of these therapies and a plan to introduce integrative therapies in your work or other setting.\n\nContinuing Education Credit\nThis course has been designed to meet 15 hours of Minnesota Board of Nursing continuing education requirements and may be eligible for CE credit from other professional boards. Retain the certificate of completion for this course to complete records that may be required to document continuing education activities. This course is also approved by ICHWC (Health Coaching) for 15 continuing education units (CEP # 100057).\n\nFor example, this course is approved by ICHWC (Health Coaching) for 15 continuing education units (CEP # 100057).",  
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  "instructorIds": "[19742686', '36979086']",  
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  "name": "Introduction to Integrative Therapies and Healing Practices"  
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{  
  "FIELD1": 191,  
  "courseType": "v2.ondemand",  
  "description": "This course uses the lives, ideals and achievements of Theodore, Franklin, and Eleanor Roosevelt to create the idea of a Rooseveltian century. It is about doing research, analyzing primary sources, and connecting all this information with a coherent and logical interpretation. It is an invitation to think critically and historically, and it wants to give you a glimpse of what it means to be a historian at work. \n\nWe are convinced that the three Roosevelts – the 3Rs, as we will refer to them throughout this course – profoundly shaped the twentieth century. This course shows you why we think so and which paradigms, ideas, and sources we use to uphold our claim. But this course also asks you to give your opinion, and ground it on your own research findings. \n\nThe structure of the course is straightforward: \n- An introductory module gives you the biographical information you need to connect the personal stories of the 3Rs with the major events of the twentieth century; \n- Module 2 explains how the 3Rs reframed our thinking on security, broadening its meaning and reconfiguring the government's role in providing it; \n- Module 3, focusing on equality, shows how the 3Rs changed the relationship between leaders and led, rejected laissez-faire economics, and supported a politics of intervention to overcome the inequalities that undermined social cohesion; \n- Module 4 describes how the 3Rs promoted and protected the freedom of ordinary citizens, and communicated that as one of their central political goals; \n- Module 5 summarizes the long-lasting legacies of the 3Rs, and asks for your opinion on the Rooseveltian century. Do you agree with this interpretation of our recent past – and our possible futures? \n\nThe five modules contain quizzes to test your knowledge and
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understanding, discussion prompts to stimulate your creativity, and research guidance and assignments to sharpen up your historical skills. \n\nWe hope you will enjoy this intellectual journey!",

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"FIELD1": 192,
 "courseType": "v2.ondemand",
 "description": "Do you want to be more successful? This course was designed to help you define what success means to you, and to develop a plan for achieving it. Wharton Professor G. Richard Shell, an award-winning author and the creator of the popular Wharton School course on the meaning of success, created this course to help you answer the questions that arise when you consider how best to use your life. Drawing on his decades of research and mentoring, Shell offers personalized assessments to help you probe your past, imagine your future, and measure your strengths. He then combines these with the latest scientific insights on everything from self-confidence and happiness to relationships and careers. Throughout, he shares inspiring examples of people who found what they were meant to do by embracing their own true measure of success. Get ready for the journey of a lifetime—one that will help you reevaluate your future and envision success on your own terms. Students and executives say that Richard Shell's courses and executive training programs have changed their lives. Let this course change yours.",

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"FIELD1": 193,
 "courseType": "v2.ondemand",
 "description": "The concepts and use of project management tools, techniques and methodologies are becoming all pervasive. This course addresses project management in the context of IT projects, including software projects. Using the framework of project life cycle, the course covers various aspects pertaining to (i) project initiation, (ii) project planning and scheduling, (iii) project monitoring and control, and (iv) project termination. For planning and scheduling of projects, the use of project network and estimation of time and cost are covered in detail. Scheduling of projects with resource limitations is covered next.\n\nRisk assessment methods including simulation and risk reduction approaches are also be covered. The students will be required to use the software @risk to simulate project completion times. The use of Earned Value Analysis for Project Monitoring and Control is emphasized. For Software Project Management, the Waterfall Model and Agile Project Management are covered in detail.",

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    "partnerIds": "[215]",
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"FIELD1": 194,
 "courseType": "v2.ondemand",
 "description": "In this course you will become familiar with the ideas of the water-energy-food nexus and transdisciplinary thinking. \n\nYou will learn to see your community or country as a complex social-ecological system and to describe its water, energy and food metabolism in the form of a pattern, as well as to map the categories of social actors. \n\nWe will provide you with the tools to measure the nexus elements and to analyze them in a coherent way across scales and dimensions of analysis. In this way, your quantitative analysis will become useful for informed decision-making. You will be able to detect and quantify dependence on non-renewable resources and externalization of environmental problems to other societies and ecosystems (a popular 'solution' in the western world). Practical case studies, from both developed and developing countries, will help you evaluate the state-of-play of a given community or country and to evaluate

possible solutions. Last but not least, you will learn to see pressing social-ecological issues, such as energy poverty, water scarcity and inequity, from a radically different perspective, and to question everything you've been told so far.\n\nACKNOWLEDGEMENT\nPart of the results and case studies presented have been developed within two projects: MAGIC and PARTICPIA. However, the course does not reflect the views of the funding institutions or of the project partners as a whole, and the case studies were presented purely with an educational and illustrative purpose.",

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"name": "Sustainability of Social-Ecological Systems: the Nexus between Water, Energy and Food"

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{
"FIELD1": 195,
"courseType": "v2.ondemand",
"description": "Agile embraces change which means that team should be able to effectively make changes to the system as team learns about users and market. To be good at effectively making changes to the system, teams need to have engineering rigor and excellence else embracing change becomes very painful and expensive. \n\nIn this course we will learn about engineering practices and processes that agile team uses to make sure the team is setup for change.\n\nIn addition to this, we will also learn about practices, techniques and processes that can help team build high quality software\n\nAt the end of this course, you will be able to comfortably and effectively participate in various techniques and processes for building secure and high quality software.",

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"specializations": "[]",
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"FIELD1": 196,
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"description": "In this course, application developers learn how to design and develop cloud-native applications that seamlessly integrate components from the Google Cloud ecosystem. Through a combination of presentations, demos, and hands-on labs, participants learn how to create repeatable deployments by treating infrastructure as code, choose the appropriate application execution environment for an application, and monitor application performance. \n\nPrerequisites and prework\n• Completed Google Cloud Platform Fundamentals or have equivalent experience\n• Working knowledge of Node.js\n• Basic proficiency with command-line tools and Linux operating system environments\n• Previous course(s) in the specialization",

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"instructorIds": "[22997770]",
"specializations": "[]",
"partnerIds": "[443]",
"name": "App Deployment, Debugging, and Performance"

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"FIELD1": 197,
"courseType": "v2.ondemand",
"description": "Calculus is one of the grandest achievements of human thought, explaining everything from planetary orbits to the optimal size of a city to the periodicity of a heartbeat. This brisk course covers the core ideas of single-variable Calculus with emphases on conceptual understanding and applications. The course is ideal for students beginning in the engineering, physical, and social sciences. Distinguishing features of the course include: 1) the introduction and use of Taylor series and approximations from the beginning; 2) a novel synthesis of discrete and continuous forms of Calculus; 3) an emphasis on the conceptual over the computational; and 4) a clear, dynamic, unified approach.\n\nIn this fourth part--part four of five--we cover computing areas and volumes, other geometric applications, physical applications, and averages and mass. We also introduce probability.",

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{  
  "FIELD1": 198,  
  "courseType": "v2.ondemand",  
  "description": "In this course, you will learn how to design assessments around the needs of your ELL students and their language level. You will learn how to incorporate language and content requirements for both formative and summative assessment types. You will learn to assess your ELL students through the use of project and task-based assignments. You will learn to use and modify rubrics to align to and measure student achievement of your language and content learning objectives. The course will also briefly cover strategies for supporting ELL students during standardized testing.  
\n\nUpon completing this course, you will be able to:\n  * Conceptualize theories of authentic assessment as they apply to second language learners\n  * Design formative assessment types incorporating language and content objectives\n  * Design summative assessment types incorporating language and content objectives\n  * Incorporate project and task-based assignments as assessment tools for ELLs\n  * Design rubrics that align to language and content objectives for your ELL(s)\n  * Apply the use of rubrics, both language and content, to the work of your ELL(s).\n  * Support your ELL(s) as they participate in standardized testing",  
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  "instructorIds": "[12746403, '7942296']",  
  "specializations": "[]",  
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  "name": "Assessing Achievement with the ELL in Mind"  
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  "description": "Social media connects us across space and time, allowing us to find like-minded communities and participate creatively in public life as never before. We may often use social media without thinking much about the possible consequences. But there is a shadow side associated with social media use, which takes the form of hate speech, increased surveillance, lack of anonymity and questionable use of our data. What do we need to know to use social media spaces effectively, in a way that is safe and productive for all?\n\nThis course will guide you into a deeper exploration of online identity, social media communities and their users. You will examine the ways that social media is being used by public institutions such as government to build participation and conversation with audiences. You will encounter the most common ethical debates in social media.\n\nYou will also have the opportunity to build your practical skills by developing your professional social media profile, defining your audience, building your social media influence and understanding how to interpret data analytics to \"Listen\" and communicate well.",  
  "id": "5uY2s0U4EeWbNhIvIryYow",  
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  "partnerIds": "[264]",  
  "name": "Ethical Social Media "  
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{  
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  "courseType": "v2.ondemand",  
  "description": "Маркетинг – система ведения производственно-коммерческой деятельности предприятия с ориентацией на рынок, главными элементами которой являются 1) потребитель, 2) конкуренты. В курсе рассмотрены аспекты маркетинга как предприятий, работающих с потребителями товаров широкого потребления (B2C рынки), так и предприятий, клиентами которых являются другие предприятия (B2B рынки). Структура курса включает в себя изучение аспектов поведения потребителей на B2C и B2B рынках, методов маркетинговых исследований потребителей и конкурентов, управления маркетингом и оценки его эффективности. В разработке курса приняли участие компании «СМЛ – Центр компьютерного инжиниринга СПбПУ», ЗМ, SWED-MOBIL, DDC.Lab, Media Price. В заданиях были использованы данные компании Mediascope, материалы маркетингового клуба КЛУМБА | ПОЛИТЕХ.\n\nЦель курса – сформировать у слушателей представление о маркетинге как о рыночном подходе к управлению предприятием, на практических примерах показать его суть.\n\nРезультаты обучения и формируемые
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компетенции\nВ результате обучения слушатели будут знать и уметь применять методы маркетинговых исследований потребителей и конкурентов, понимать аспекты поведения потребителей на B2C и B2B рынках, владеть методами управления маркетингом и оценки его эффективности.",

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"specializations": "[]",
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,
{
"FIELD1": 201,
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"description": "This course explores Excel as a tool for solving business problems. In this course you will learn the basic functions of excel through guided demonstration. Each week you will build on your excel skills and be provided an opportunity to practice what you've learned. Finally, you will have a chance to put your knowledge to work in a final project. Please note, the content in this course was developed using a Windows version of Excel 2013. \n\nThis course was created by PricewaterhouseCoopers LLP with an address at 300 Madison Avenue, New York, New York, 10017.",
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"specializations": "[]",
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,
{
"FIELD1": 202,
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"description": "¿Sientes curiosidad por la civilización del antiguo Egipto? ¿Eres un apasionado de su cultura e historia?\n\nEn este curso nos acercaremos a los templos de los antiguos faraones, a sus complejos funerarios, a sus ciudades, a su escritura jeroglífica, a su religión y a muchos otros aspectos de esta gran civilización. Con ello pretendemos ofrecerte una visión general de la historia y cultura de esta fascinante civilización; proporcionarte un planteamiento docente y unos materiales de alto nivel académico que te permitan introducirte en la disciplina egiptológica con una cierta profundidad y sin concesiones a los consabidos tópicos que la rodean, para, después, si lo deseas, seguir profundizando por tu cuenta. \n\nDe momento te dejamos con este vídeo: <https://youtu.be/FPPhkYxWvfI>\n\n¿Querrías acompañarnos en este viaje?\n\n* ACLARACIONES\n* Puedes realizar el curso de manera gratuita. Con ello puedes acceder a todo los contenidos (vídeos, lecturas, cuestionarios, foros). Sin embargo, no permite la opción de obtener un certificado.\n* Obtener el certificado implica cumplir una serie de requisitos, entre los cuales, abonar el coste asociado.\n\nEtiquetas: egiptología, egyptology",
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"name": "Egiptología (Egyptology)"
,
{
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"description": "This course will help you 'up' your game and develop the advanced level skills and techniques that elude even some of the most experienced virtual teachers. We will examine the pitfalls beginning teachers run into and learn how to overcome them by focusing on the fundamentals that have the greatest impact on student learning in a blended or online environment. Throughout the course, you will be challenged to assess your own skills and apply what you are learning by creating a guide, assignment, or resource that you will be able to use in a class that you teach or hope to teach someday soon. By the end of the course, you will not only have a better understanding of the basics, you will be able to put them together like a pro and empower your future students to be voracious learners who are ready to go out and make the world a better place to live.\nUpon completing this course, you will be able to:
1. Meet your students' needs and craft a better virtual learning experience for them.
2. Set up the learning environment so you get to know your students and they get to know

each other\n3. Personalize learning by providing feedback using a variety of online tools\n5. Identify at-risk students and employ effective strategies for teaching them\n6. Compare and contrast online and face-to-face learning communities\n7. Apply strategies to make virtual courses more human",

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  "description": "Why just write poems when you can write better ones? This course is built on the notion that the most exciting writing begins after the first draft. It is specifically for folks who believe that writing poems just to express oneself is like using the Internet just for email. After all, poetry can change the way you and your readers think of the world and its inhabitants; it can break new ground for language; turn a blank sheet of paper into a teeming concert of voices and music.\n\nThough any of us may have the potential to make that happen, having an understanding of how several tools of poetic composition can be used (and audaciously “mis-used”) gives you more ways to try (and if we do this right, we might surprise ourselves most of all). \n\nWe'll cover key poetic terms and devices by studying poems by a handful of modern and contemporary poets and then get a chance to try our own hand at writing new poem drafts from a select number of prompts. Throughout the course you will have the opportunity to workshop your poem drafts and get feedback on your work, working towards a more polished poem.",
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{
  "FIELD1": 205,
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  "description": "Ce cours à la demande s'appuie sur la formation Google Cloud Platform Big Data and Machine Learning Fundamentals. Il s'agit d'un cours accéléré, que vous pourrez effectuer en une semaine. Grâce à une série de conférences vidéo, de démonstrations et d'ateliers, vous apprendrez à créer des pipelines de flux de données à l'aide de Google Cloud Pub/Sub et de Dataflow. Objectif : faciliter la prise de décisions en temps réel. Vous apprendrez également à créer des tableaux de bord pour présenter des résultats personnalisés à différents groupes d'intervenants.\n\nPrérequis :\n• Avoir suivi la formation Google Cloud Platform Big Data and Machine Learning Fundamentals (ou disposer d'une expérience équivalente)\n• Quelques connaissances en Java\nObjectifs :\n• Savoir quand utiliser l'analyse de flux en temps réel\n• Gérer les événements de données avec le service de messagerie asynchrone Google Cloud PubSub\n• Rédiger des pipelines de flux de données et effectuer des transformations le cas échéant\n• Maîtriser les deux facettes d'un pipeline de flux de données : production et consommation\n• Faire interagir Dataflow, BigQuery et Cloud Pub/Sub pour obtenir des analyses et des flux en temps réel",
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    "instructorIds": "[ '22997770' ]",
    "specializations": "[ ]",
    "partnerIds": "[ '443' ]",
    "name": "Building Resilient Streaming Systems on Google Cloud Platform en Français"
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{
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  "description": "Since many software developers are compulsive coders, they have created software over the years to help them do their job. There are tools which make design and its associated tasks easier. The course introduces some basic tools and techniques to help you with design. Tools aren't always tangible, however. The last two lessons of this course discuss questions of Ethics in software development. The purpose here is, as with tools, to equip you to better carry out your responsibilities as a
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designer. Students will be required to have a prior knowledge of writing and delivering software and some programming knowledge in java.",

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{
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{
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  "description": "This course is of an applied nature and is oriented to studies in the field of creative life intensification psychology, help with the experience of crises, human potential realization and care. It may be useful for professional psychologists, for specialists whose activity involves empathy, inspiration, understanding and creating of daily life, and for all who are interested in the topic. \n\nThe main idea of the course\nGenius, talent and golden mediocrity are different (perpendicularly oriented) dimensions of human existence. They should be studied coherently with their manifestations. All together they construct a space for creative life, but each taken separately provokes traumatic, devastating and exhausting forms of anxieties. Our course shows how these three dimensions manifest themselves in life and how you can fulfill your genius, abilities, talents more fully and completely.\n\nOur Method\nWe critically examine the manifestations of the studied \"dimensions\" (phenomena), in order that by putting off all \"the supposed\" we could find specific and inherent meaning. The phenomenological method is to understand and express in simple terms the fundamental structure of creative activity, to express everything that was, that is and that will be important in the psychology of creative life.\n\nCourse objective\nOur main objective is a phenomenological description of genius, talent and golden mediocrity as specific dimensions of human life, correction of errors and misapprehensions of common sense regarding these phenomena.\n\nWhat you gain\nAfter taking this course you will know what it is to be genius. You will see the phenomena of mediocrity and talent in a new light. You will understand these phenomena better based on our various examples. You will also be able to practice various aspects of these dimensions of creativity in your daily life.",
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"name": "Genius. Talent. Golden Mediocrity"  
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  "FIELD1": 209,  
  "courseType": "v2.ondemand",  
  "description": "Este curso apresenta os principais conceitos do controle de sistemas e mostra suas vantagens e importância para a sociedade moderna. Você vai entender o que é o controle de sistemas e como o controle com realimentação funciona, e passará a perceber a sua presença em diversas situações em seu dia-a-dia, na natureza, no corpo humano e em diversos dispositivos, desde os mais simples até os mais complexos.\n\nVocê vai perceber a necessidade de modelos teóricos para a análise e o projeto do controle de sistemas e aprenderá como verificar se um sistema atende a determinados requisitos de desempenho. Você também aprenderá como projetar um controle simples de modo a obter o melhor desempenho possível de um sistema de controle. Este é apenas o primeiro passo em direção a um vasto campo do conhecimento e lhe dará a base e a segurança necessárias para avançar em seus estudos no maravilhoso mundo do controle de sistemas.",  
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{  
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  "description": "Few kinds of communication can have the effect of a powerful presentation. Even a short speech can motivate people to change long-held beliefs or to take action, and a wonderfully delivered speech can transform a normal person into a leader.\n\nIn this course, Prof. William Kuskin provides a series of pragmatic videos and exercises for successful public speaking and presentations. The course develops through four themes—mastering fear, developing a creative formula, using verbal and body language, and anticipating the room—so that you can discover your personal power as a speaker and give excellent presentations. \n\nSuccessful presentations do not rely on perfect teeth, a deep voice, or an army of scriptwriters. They depend largely on the same skills as successful Business Writing and Graphic Design: clarity, structure, and revision. The goal of the course, therefore, is to enable you to discover your own internal power as a speaker and express it to the world. After this course, with some practice, you will be able to go into any situation and command the room for as long as you like.",  
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  "courseType": "v2.ondemand",  
  "description": "Este curso acelerado bajo demanda presenta a los participantes los servicios integrales y flexibles de infraestructura y plataforma que ofrece Google Cloud Platform. Mediante una combinación de clases por video, demostraciones y labs prácticos, los participantes exploran e implementan elementos de soluciones, incluidos componentes de infraestructura como redes, sistemas y servicios de aplicaciones. Este curso también abarca la implementación de soluciones prácticas, como interconexión de redes de manera segura, balanceo de cargas, ajuste de escala automático, automatización de la infraestructura y servicios administrados.\n\nRequisitos previos:\nPara aprovechar al máximo este curso, los participantes deberían reunir los siguientes requisitos:  
• Haber completado el curso Google Cloud Platform Fundamentals (infraestructura central o para profesionales de AWS) o tener experiencia equivalente  
• Haber completado el curso Essential Cloud Infrastructure: Foundation o tener experiencia equivalente  
• Haber completado el curso Essential Cloud Infrastructure: Core Services o tener experiencia equivalente  
• Tener conocimientos básicos sobre las herramientas de línea de comandos y los entornos del sistema operativo Linux  
• Tener experiencia en operaciones de sistemas, que incluye la implementación y la administración de aplicaciones, tanto a nivel local
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como en un entorno de nube pública",
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 "instructorIds": "[22997770]",
 "specializations": "[]",
 "partnerIds": "[443]",
 "name": "Elastic Cloud Infrastructure: Scaling and Automation en Español"
},
{
 "FIELD1": 212,
 "courseType": "v2.ondemand",
 "description": "Economics, psychology, and neuroscience are converging today into a unified discipline of Neuroeconomics with the ultimate aim of creating a single, general theory of human decision-making. \n\nNeuroeconomics provides biologists, economists, psychologists and social scientists with a deeper understanding of how they make their own decisions and how others decide. Neuroscience, when allied with psychology and economics, creates powerful new models to explain why we make decisions. Neurobiological mechanisms of decision-making, decisions under risk, trust and cooperation will be central issues in this course. You will be provided with the most recent evidence from brain-imaging techniques (fMRI, TMS, etc.) and introduced to the explanatory models behind them.\n\nThe course does not require any prior study of economics and neuroscience; however, it might require you to study novel interdisciplinary materials. The course provides an introduction to the methodology, assumptions, and main findings of Neuroeconomics. Our students have different backgrounds; therefore, I have adapted and simplified the course to allow all students to understand the interdisciplinary content. This course will help you to start your progress in the field of Neuroeconomics and to further develop your skills during other more advanced courses and trainings in the future. For some topics, the course will also provide supplementary videos to reveal the opinions of leading experts in the field. Each module provides optional reading material.\n\nThe course structure is as follows: During each video, you will have to answer some relevant questions. Your answers will not affect your final grade. At the end of each module, you must complete a quiz consisting of 15 questions. To pass the course, you must reach a satisfactory standard in all the course modules by completing all graded quizzes and the final exam. In addition to watching video lectures and taking quizzes, you will receive an invitation to join our forum. We plan to join the discussions in the forum on a weekly basis.\n\nWelcome to Neuroeconomics World!",
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 "slug": "neuroeconomics",
 "instructorIds": "[5178967]",
 "specializations": "[]",
 "partnerIds": "[160]",
 "name": "Introduction to Neuroeconomics: How the Brain Makes Decisions"
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 "FIELD1": 213,
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 "description": "This is a course aimed at making you a better designer. The course marries theory and practice, as both are valuable in improving design performance. Lectures and readings will lay out the fundamental concepts that underpin design as a human activity. Weekly design challenges test your ability to apply those ideas to solve real problems. The course is deliberately broad – spanning all domains of design, including architecture, graphics, services, apparel, engineered goods, and products. The emphasis of the course is the basic design process: define, explore, select, and refine. You, the student, bring to the course your particular interests and expertise related to, for instance, engineering, furniture, fashion, architecture, or products. In prior sessions of the course about half of the participants were novices and about half had prior professional design expertise. Both groups seem to benefit substantially from the course. All project work is evaluated by your peers -- and indeed, you will also be a peer reviewer. This format allows you to see an interesting collection of projects while getting useful feedback on your own project.",
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 "slug": "design",
 "instructorIds": "[341966]",
 "specializations": "[]",
 "partnerIds": "[6]",
 "name": "Design: Creation of Artifacts in Society"
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{
 "FIELD1": 214,

"courseType": "v2.on-demand",
"description": "How tall is a modern wind turbine and how can it possibly generate power from the wind? This course gives an overview of key aspects in wind energy engineering. Whether you are looking for general insight in this green technology or your ambition is to pursue a career in wind energy engineering, 'Wind Energy' is an excellent starting point. \n\nExperts located in the wind pioneering country of Denmark will take you on a tour through the most fundamental disciplines of wind energy research such as wind measurements and resource assessment, aerodynamics, wind turbine technology, structural mechanics, materials, financial and electrical systems. \n\nYou will gain a rational understanding of wind energy engineering and, through hands-on exercises, you will learn to perform wind energy calculations based on simple models. Working with the different course disciplines will give you a taste of what wind energy engineering is all about. This allows you to identify the most interesting or relevant aspects of wind energy engineering to be pursued in your future studies or in your professional career.\n\nView our video: <https://youtu.be/he4UWTGHxrY>",
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"slug": "wind-energy",
"instructorIds": "['3931196', '14874677', '15138227', '15145491', '15401162', '15383423', '15814231', '15810974', '15935741', '15924047', '15920933', '15922791', '15928067', '15920508', '14885414']",
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"partnerIds": "['57']",
"name": "Wind Energy"
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{
"FIELD1": 215,
"courseType": "v2.on-demand",
"description": "Whether your interest lies in solving the world's biggest problems, creating the next commercial success or addressing something closer to home, this course will give you a toolbox to vet your ideas and test them in the real world.",
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"name": "What's Your Big Idea?"
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{
"FIELD1": 216,
"courseType": "v2.on-demand",
"description": "Learn Mandarin Chinese: Capstone Project is a beginner's course of Mandarin Chinese in continuation of Mandarin Chinese 3:\nChinese for Beginners. In this course, learners are required to complete a few tasks of using Chinese languages in simulated real life situations. Some guidance on taking and passing HSK (Chinese proficiency test) will also be provided. By completing this course, the learners will finish the learning of the whole series and be standing at the threshold of intermediate Chinese proficiency.",
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"specializations": "[]",
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"name": "Learn Mandarin Chinese: Capstone Project"
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{
"FIELD1": 217,
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"description": "他這麼活過他的一生，留下一本書，《莊子》。這本書影響了陶淵明的一生，影響了李太白的一生，影響了白居易的一生，影響了蘇東坡的一生。唐玄宗下詔稱此書為《南華真經》，尊莊子為南華真人。清初名評論家金聖歎，評定這本書是「天下第一才子書」。\\n\\n 才子必讀，欲成才者必讀。如果你醉心於技進於道、技道合一的職人文化，追本溯源，請讀《莊子》。如果你不想成材、不想在優勝劣敗的競走中疲憊一生，也請讀《莊子》。如果想處於才與不才之間、想在人生的驚濤駭浪間存活、無傷，更鍊就日益精進的乘御之力，就請打開《莊子》。\\n\\n 「福輕乎羽，莫之知載。禍重乎地，莫之知避。」（《莊子·人間世》）\\n\\n 莊子所處的戰國時代，平民百姓能擁有的福份比羽毛還要輕薄，飄忽不定不知道要怎樣才能承接、擁有；可是災難禍患卻比山河大地還要沈重，想要閃避卻不知道有什麼方法能全身而退。當時，一次戰爭裡被斬首、殺害的士卒多達數萬、數十萬人。\\n\\n 而莊子，就在這麼個布滿羅網、暗藏凶器的時代社會裏，擔任一個小小漆樹園的，小小吏。\\n\\n 必須承受、最能感受時代之傷的，莫過於金字塔底層。\\n 是戰國中期的莊子，也是當代的你我。\\n 蕭條異代都同樣湧動著如風浪翻滾、層出不窮的普世之傷。\\n\\n

與莊子為友，在李白之後、東坡之後，在詩人、哲人、職人與成千上萬因此改變姿勢、意識與用情的人們之後，本季課程將陪你逐字逐句讀完莊子親筆內七篇中的前三篇〈逍遙遊〉、〈齊物論〉、〈養生主〉，而莊周在此中斷續鋪陳、輻輳的三個主題：姿勢、意識與感情，也將在逐字逐句的講解中豁然胸次。—你會發現，原來只要把注意力收回自身，心就可以不煩、不亂、不痛。原來只要掌握正確的姿勢原則，身體竟可以如此輕靈放鬆。原來感情可以不執著、不陷溺，只要懂得深情而不滯於情。原來身心的安定，是面對混亂的時代最有力量的武器。
時局板蕩，曖昧天光，半部《論語》治天下，半部《莊子》治身心，正是時候，好好讀《莊子》。

為使聽者易於掌握《莊》學大旨，將〈逍遙遊〉、〈齊物論〉、〈養生主〉各分為三、五、五章，各章下依長度略分小節；並設計體驗古典單元，使能活用於日常。"，

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  "instructorIds": "[11330774]",
  "specializations": "[]",
  "partnerIds": "[150]",
  "name": "生命安全与救援Life Safety and Rescue"
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  "description": "The success of every organization depends on attracting and retaining customers. Although the marketing concepts for doing so are well established, digital technology has empowered customers, while producing massive amounts of data, revolutionizing the processes through which organizations attract and retain customers. In this course, students will learn how to identify new opportunities to create value for empowered consumers, develop strategies that yield an advantage over rivals, and develop the data science skills to lead more effectively, allocate resources, and to confront this very challenging environment with confidence.",
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  "description": "Linear models, as their name implies, relates an outcome to a set of predictors of interest using linear assumptions. Regression models, a subset of linear models, are the most important statistical analysis tool in a data scientist's toolkit. This course covers regression analysis, least squares and inference using regression models. Special cases of the regression model, ANOVA and ANCOVA will be covered as well. Analysis of residuals and variability will be investigated. The course will cover modern thinking on model selection and novel uses of regression models including scatterplot smoothing.",
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"FIELD1": 224,
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"FIELD1": 225,
"courseType": "v2.ondemand",
"description": "Course in French with English and Chinese subtitles\n\nCe cours présente les principaux courants qui marquent aujourd'hui la réflexion éthique et touchent tout un chacun dans sa vie personnelle, sociale et citoyenne. D'Aristote à Kant, de Bentham à Derrida, à travers un voyage philosophique passionnant nous entrerons dans le vif du débat éthique contemporain.\n\nNotre monde toujours plus complexe semble nous échapper. Réchauffement climatique, questions de début et de fin de vie, évolution vertigineuse des bio-technologies, inégale distribution des richesses, pressions migratoires accentuées... La tentation est grande d'une vie morale repliée sur elle-même à partir d'une éthique minimale : « fais ce que tu veux, du moment que tu ne mets pas en péril la liberté des autres ». Nous proposons de prendre le contre-pied : défendre l'idée d'une éthique qui nous plonge dans notre réalité sociale et politique, parmi nos semblables et avec eux. Et pour cela nous reposons la question de ce qui est juste, de ce qui est bien. Sans repartir de rien, sans tout réinventer.\n\nC'est pourquoi nous présentons un cours qui permet de se familiariser avec les plus importantes perspectives éthiques traversant le monde contemporain : l'éthique des vertus (ou perfectionnisme) ; l'éthique du devoir (ou déontologie) ; l'éthique utilitariste (ou conséquentialisme) ; l'éthique de l'amour (ou éthique du don). Ainsi chacun pourra mettre de l'ordre dans ses idées, repérer les différentes manières de s'orienter dans la vie morale, comprendre les différences d'appréciation face aux diverses situations qui interpellent et sollicitent.\n\nQuels que soient votre champ de savoir académique, votre engagement professionnel ou vos choix personnels, il s'agit de proposer des clés d'analyse dont vous disposerez. Pour cela, nous alternerons tout au long de ce cours les présentations des grands courants, sous leur forme ancienne puis contemporaine, et des questions plus transversales ou des cas concrets. Avec un seul but : clarifier les idées pour mieux comprendre le réel et mieux orienter l'action.\n\nAbout this course:\n\nThis course presents the main schools of thought that frame today's ethical reflection and affect everyone in their personal, social and civic life. From Aristotle to Kant, from Bentham to Derrida, we will take you to the heart of contemporary ethical debates through a fascinating philosophical journey. Our increasingly complex world seems to elude our grasp. Global warming, beginning and end-of-life issues, the dizzying evolution of bio-technologies, the unequal distribution of wealth, heightened migratory pressures ... In response, we are tempted to make the moral life a self-legislating and isolated affair: \"do what you want, as long as you do not put at risk the freedom of others\". We propose to go against this trend and to defend the idea of an ethics that immerses us in our social and political reality, in and amongst our peers. We thus reformulate the question of what is right and what is good. This is not to say we are starting from scratch and reinventing the wheel. Rather, we will offer a course that allows you to encounter the most important ethical perspectives of our contemporary world: virtue ethics (or perfectionism); ethics of duty (or deontology); utilitarianism (or consequentialism); ethics of love (or ethics of the gift). Everyone will thus have a chance to evaluate his or her ideas, to identify

different approaches to the moral life, and to understand a range of perspectives on different situations that face us in our lives. Whatever your field of academic knowledge, your professional commitments or personal choices, this course presents key concepts for further analysis. Therefore, we will alternate discussions of the founding schools of ethical thought, in their ancient and contemporary formulations, with cross-disciplinary issues and applied case studies. The goal throughout is to clarify ideas in order to better understand reality and orient human action.\n\n-----\n----- \n善、正义、功用：哲学伦理学导论\n本课程旨在向大家介绍伦理学的主要流派，这些流派对如今的伦理思考意义非凡，并且涉及到每个人的个人生活、社会生活和公民生活。从亚里士多德到康德，从边沁到德里达，通过引人入胜的哲学之旅，我们将进入当代伦理学辩论的核心问题。",

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{
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course is suitable for a broad range of learners. \n \nThis course is for you if:\n- You want to learn how to use learn how to use Linux for embedded purposes.\n- You want to pivot your career towards the design and development of Internet of Things enabled products\n- You are an entrepreneur, innovator or member of a DIY community \n\nLearning Goals: \nAfter completing this course, you will be able to:\n1) Know where you can find resources and help in the 96Boards ecosystem.\n2) Describe the DragonBoard™ 410c peripherals, I/O expansion capabilities, Compute (CPU and Graphics) capabilities, and Connectivity capabilities.\n3) Understand how to navigate and make use of the Linux terminal.\n4) Configure at least one integrated development environment (IDE) for developing software.\n5) Make use of Git and GitHub for version control purposes.\n6) Create and build projects that interface with sensors and actuators through GPIO and Arduino.",

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finalmente, ¿qué efectos ha tenido la irrupción de la era digital en la ciudad?",
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{
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 "description": "¿Sabes por qué hay animales que migran cada año? ¿Cómo saben los campesinos cuándo sembrar y cuándo cosechar?\n¿Sabes qué gobierna el ciclo anual de frío y calor y de lluvias y secas?\nLas estaciones del año son el fenómeno climático más perceptible por el ser humano y se manifiestan de diferente forma en distintas regiones; por ejemplo cuando es invierno en la mitad del mundo, es verano en la otra mitad. Entender el mecanismo de las estaciones es el primer paso para entender el clima, que afecta a casi todas las actividades humanas.\nEn este curso estudiaremos los procesos que provocan las estaciones del año, las repercusiones que tienen éstas para las actividades humanas y su relación con los fundamentos del sistema climático terrestre. A través de simulaciones visuales haremos comprensibles conceptos y procesos físicos y te propondremos experimentos. Si estas considerando estudiar ciencias de la Tierra o si quieres comprender mejor cómo funciona el clima, este curso es para ti. \nAcompáñanos! Y conoce más sobre nuestro hogar el planeta Tierra.",
 "id": "iJLs_iBUeWibgoGfGczQ",
 "slug": "estaciones-clima",
 "instructorIds": "['13862444', '13888812']",
 "specializations": "[]",
 "partnerIds": "['58']",
 "name": "Las estaciones del año y el clima"
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{
 "FIELD1": 233,
 "courseType": "v2.ondemand",
 "description": "This course is designed to start you on a path toward future studies in web development and design, no matter how little experience or technical knowledge you currently have. The web is a very big place, and if you are the typical internet user, you probably visit several websites every day, whether for business, entertainment or education. But have you ever wondered how these websites actually work? How are they built? How do browsers, computers, and mobile devices interact with the web? What skills are necessary to build a website? With almost 1 billion websites now on the internet, the answers to these questions could be your first step toward a better understanding of the internet and developing a new set of internet skills. \nBy the end of this course you'll be able to describe the structure and functionality of the world wide web, create dynamic web pages using a combination of HTML, CSS, and JavaScript, apply essential programming language concepts when creating HTML forms, select an appropriate web hosting

service, and publish your webpages for the world to see. Finally, you'll be able to develop a working model for creating your own personal or business websites in the future and be fully prepared to take the next step in a more advanced web development or design course or specialization.",

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"id": "hVoJYnQ_EeWIfhKr_WcYsQ",
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"specializations": "[]",
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"name": "Introduction to Web Development"
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{
  "FIELD1": 234,
  "courseType": "v2.ondemand",
  "description": "Identify the critical information needed to develop a product and brand strategy that generates both quick-wins and long-term value. By completing this course, you will be in position to create an activity plan to bring your brand strategy to life – both externally towards consumers and internally to employees. You will be able to define the right metrics for determining success in the implementation of your product and brand strategy, considering any adjustments that may need to be made under a test and learn methodology.\n\nLuis Rodriguez Baptista – a professor at IE University and Marketing Consultant – will guide you through six modules that look at first understanding the challenge of managing products through their 'life-cycle' and culminates with learning how to equip your employees with knowledge of how to deliver on your brand promise. The course features interviews with consumer and industry professionals, which help illustrate the importance of brand strategy. \n\nBrand and product management is a unique course which enables you to first understand the importance of brand and product management and then use brand development, architecture and portfolios, in order to achieve success.",
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{
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  "description": "刑法是规定犯罪与刑罚的法律。刑法学是研究刑法的科学，主要研究犯罪的成立条件以及刑罚的种类与适用刑法的制度等问题。本课程的主要目的是简明完整地说明现代刑法学总论的基本概念、基本理论与基本方法，包括的主要内容有刑法与刑法学的基本概念，刑罚的正当性，罪刑法定原则，刑法解释，刑法的适用范围，犯罪与犯罪构成的概念，犯罪构成的主要内容，排除犯罪的根据，犯罪的未完成状态，共同犯罪，刑罚的概念与体系，量刑制度，数罪并罚，缓刑、减刑与假释。本课程通过理论说明与案例分析对有关问题进行讲解，鼓励同学们通过刑法发展来认识刑法的生命，通过刑法比较来认识刑法的国际标准，通过确立刑法理想来追求社会的公平正义。 \n\n本课程将系统完整地说明、分析现代刑法学总论中的基本概念、基本理论。同学们通过本课程的讲述、案例的讨论、理论的分析，可以对现代刑法学知识的基本使用方法有一个完整的理解，从而有助于理解与分析现代社会面临的刑法问题。",
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"slug": "xingfa-xue-zong-lun",
"instructorIds": "[6063593]",
"specializations": "[]",
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"name": "刑法学总论 Criminal Law"
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{
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  "courseType": "v2.ondemand",
  "description": "This course teached the basics of urban planning in Africa through technical, environmental, social and economical dimensions.\n\nIt focuses on African cities only. Although, they exemplify well cities in the Global South, and potentially all cities, we will make the African context highly topical.\n\nThe course is provided by the Urban and Regional community at the Swiss Federal Institute of Technology in Lausanne (EPFL). More information can be found here https://ceat.epfl.ch/",
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"id": "1vZ1g32lEeWb-BLhFdGww",
"slug": "african-cities1",
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"specializations": "[]",
"partnerIds": "[16]"
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        "name": "African cities : An Introduction to Urban Planning"
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    {
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        "courseType": "v2.ondemand",
        "description": "Курс по русскому языку как иностранному B2-2 предназначен для тех, кто хочет усовершенствовать свои знания русского языка . Курс включает учебные видеосюжеты, подкасты, аутентичные видеотексты для аудирования, аутентичные тексты для чтения, разделы «Грамматика», «Говорение», «Взаимопроверка».",
        "id": "P0jwJLzfEee2exK3h4DxLg",
        "slug": "russkiy-kak-inostrannyy-b2-2",
        "instructorIds": "[ '29658868', '21782971', '29475712', '21752385', '19615625' ]",
        "specializations": "[ ]",
        "partnerIds": "[ '179' ]",
        "name": "Русский язык как иностранный B2-2"
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        "FIELD1": 238,
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        "description": "This course addresses recorded vocal performances and the technologies used to highlight and support them in modern record production and mixes. Most of us know that vocals serve as the focal point of modern recordings but many do not know the tools used or when the tools are used best in modern record production.\n\nThe course begins with simple vocal placement in a mix, where you will also learn the fundamentals of compression and equalization. You'll further study delays and reverbs before moving to advanced concepts in audio editing, synthetic processing, automatic & graphic pitch correction, time compression, time expansion, flex and elastic audio.\n\nThrough analysis and/or hands on projects that the students will post for peer review, the student will gain an understanding of the many choices available to modern record producers as they record and mix with a modern tool set. You'll see, in action, the Vocoder, Auto-Tune, Melodyne, Elastic Audio, Flex Time, VocAlign, tempo based editing and a host of other file modification protocols that are readily available on most Digital Audio Workstations. This course gives students a thorough look at the expanded choices that have risen in the art of vocal production as a result of these modern tools.\n\nThe goal of the course is to help interested novices understand the recordings they are listening to, performers find an expanded language for their recorded voices and for vocal producers to be able to create musically artistic visualizations using singers as their paintbrushes.",
        "id": "kKwHoIP4Eea_HA7U3gpEVw",
        "slug": "vocal-production",
        "instructorIds": "[ '23132098' ]",
        "specializations": "[ ]",
        "partnerIds": "[ '21' ]",
        "name": "The Art of Vocal Production"
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    {
        "FIELD1": 239,
        "courseType": "v2.ondemand",
        "description": "This course is about how the brain creates our sense of spatial location from a variety of sensory and motor sources, and how this spatial sense in turn shapes our cognitive abilities.\n\nKnowing where things are is effortless. But “under the hood,” your brain must figure out even the simplest of details about the world around you and your position in it. Recognizing your mother, finding your phone, going to the grocery store, playing the banjo – these require careful sleuthing and coordination across different sensory and motor domains. This course traces the brain’s detective work to create this sense of space and argues that the brain’s spatial focus permeates our cognitive abilities, affecting the way we think and remember.\n\nThe material in this course is based on a book I’ve written for a general audience. The book is called \"Making Space: How the Brain Knows Where Things Are\", and is available from Amazon, Barnes and Noble, or directly from Harvard University Press.\n\nThe course material overlaps with classes on perception or systems neuroscience, and can be taken either before or after such classes.\n\nDr. Jennifer M. Groh, Ph.D.\nProfessor\nPsychology & Neuroscience; Neurobiology\nDuke University\nwww.duke.edu/~jmgroh\n\nJennifer M. Groh is interested in how the brain process spatial information in different sensory systems, and how the brain's spatial codes influence other aspects of cognition. She is the author of a recent book entitled \"Making Space: How the Brain Knows Where Things Are\" (Harvard University Press, fall 2014).\n\nMuch of her research concerns differences in how the visual and auditory systems encode location, and how vision influences hearing. Her laboratory has demonstrated that neurons in auditory brain regions are sometimes
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responsive not just to what we hear but also to what direction we are looking and what visual stimuli we can see. These surprising findings challenge the prevailing assumption that the brain's sensory pathways remain separate and distinct from each other at early stages, and suggest a mechanism for such multi-sensory interactions as lip-reading and ventriloquism (the capture of perceived sound location by a plausible nearby visual stimulus).
Dr. Groh has been a professor at Duke University since 2006. She received her undergraduate degree in biology from Princeton University in 1988 before studying neuroscience at the University of Michigan (Master's, 1990), the University of Pennsylvania (Ph.D., 1993), and Stanford University (postdoctoral, 1994–1997). Dr. Groh has been teaching undergraduate classes on the neural basis of perception and memory for over fifteen years. She is presently a faculty member at the Center for Cognitive Neuroscience and the Duke Institute for Brain Sciences at Duke University. She also holds appointments in the Departments of Neurobiology and Psychology & Neuroscience at Duke.
Dr. Groh's research has been supported by a variety of sources including the John S. Guggenheim Foundation, the National Institutes of Health, the National Science Foundation, and the Office of Naval Research Young Investigator Program, the McKnight Endowment Fund for Neuroscience, the John Merck Scholars Program, the EJLB Foundation, the Alfred P. Sloan Foundation, the Whitehall Foundation, and the National Organization for Hearing Research.",

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"specializations": "[]",
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{
  "FIELD1": 240,
  "courseType": "v2.ondemand",
  "description": "This is an introductory astronomy survey class that covers our understanding of the physical universe and its major constituents, including planetary systems, stars, galaxies, black holes, quasars, larger structures, and the universe as a whole.",
  "id": "QgmoVdT2EeSlhSIACx2EBw",
  "slug": "evolvinguniverse",
  "instructorIds": "[685941]",
  "specializations": "[]",
  "partnerIds": "[12]",
  "name": "The Evolving Universe"
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{
  "FIELD1": 241,
  "courseType": "v2.ondemand",
  "description": "This course gives you a complete insight into the modern design of digital systems fundamentals from an eminently practical point of view. Unlike other more \"classic\" digital circuits courses, our interest focuses more on the system than on the electronics that support it. This approach will allow us to lay the foundation for the design of complex digital systems.  
You will learn a set of design methodologies and will use a set of (educational-oriented) computer-aided-design tools (CAD) that will allow you not only to design small and medium size circuits, but also to access to higher level courses covering so exciting topics as application specific integrated circuits (ASICs) design or computer architecture, to give just two examples.  
Course topics are complemented with the design of a simple processor, introduced as a transversal example of a complex digital system. This example will let you understand and feel comfortable with some fundamental computer architecture terms as the instruction set, microprograms and microinstructions.  
After completing this course you will be able to:  

  * Design medium complexity digital systems.  

  * Understand the description of digital systems using high-level languages such as VHDL.  

  * Understand how computers operate at their most basic level (machine language).",
  "id": "y01M0Hj6EeWX2xK7R0QidQ",
  "slug": "digital-systems",
  "instructorIds": "[2690264, '4147290', '4086935', '4113684', '3980791', '4302563', '2690259]",
  "specializations": "[]",
  "partnerIds": "[80]",
  "name": "Digital Systems: From Logic Gates to Processors"
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  "FIELD1": 242,
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"courseType": "v2.on-demand",
 "description": "Tired of solving Sudokus by hand? This class teaches you how to solve complex search problems with discrete optimization concepts and algorithms, including constraint programming, local search, and mixed-integer programming.\n\nOptimization technology is ubiquitous in our society. It schedules planes and their crews, coordinates the production of steel, and organizes the transportation of iron ore from the mines to the ports. Optimization clears the day-ahead and real-time markets to deliver electricity to millions of people. It organizes kidney exchanges and cancer treatments and helps scientists understand the fundamental fabric of life, control complex chemical reactions, and design drugs that may benefit billions of individuals.\n\nThis class is an introduction to discrete optimization and exposes students to some of the most fundamental concepts and algorithms in the field. It covers constraint programming, local search, and mixed-integer programming from their foundations to their applications for complex practical problems in areas such as scheduling, vehicle routing, supply-chain optimization, and resource allocation.",

 "id": "THkzKaBPeeWm9xJA1YXcWQ",
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 "specializations": "[]",
 "partnerIds": "[33]",
 "name": "Discrete Optimization"
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 {
 "FIELD1": 243,
 "courseType": "v2.on-demand",
 "description": "Littéralement « amour de l'humanité », la philanthropie désigne aujourd'hui l'ensemble des dons librement consentis par des acteurs privés en faveur de l'intérêt général. Dans les médias, la philanthropie est incarnée aujourd'hui par les milliardaires américains Bill Gates et Warren Buffet qui ont donné une grande part de leur fortune à une fondation en faveur de la santé et de l'éducation. Mais cette vision est partielle : la philanthropie est très active dans la plupart des régions du monde, pas seulement aux Etats-Unis, et ce ne sont pas seulement les très riches qui donnent, puisque de nombreux particuliers et entreprises s'impliquent. \n\nEn ce début de XXIe siècle marqué par les crises économiques et politiques, la philanthropie joue un rôle croissant pour répondre aux grands défis de notre temps. Alternative au modèle marchand et à la redistribution publique via l'impôt, le don privé est activement recherché pour financer la lutte contre la pauvreté, l'éducation, la recherche médicale ou la culture... Partout dans le monde, les fondations se multiplient, les dons se développent et influencent la vie de très nombreuses personnes. Les besoins sont immenses et la concurrence pour trouver des fonds n'a jamais été aussi vive. \n\nMalgré son importance, la philanthropie reste mal connue notamment en France et en Europe. Plusieurs questions clés restent en suspens : De quoi parle-t-on exactement ? Qu'est-ce qui motive les philanthropes et favorise leur action ? Quelles sont les différentes façons d'agir en philanthropie ? Quel est son impact et comment l'évaluer ? L'objectif de ce MOOC est de répondre à ces quatre grandes questions, en mobilisant les dernières avancées en matière de recherche et le point de vue d'experts reconnus dans leur domaine. \n\nQue vous soyiez simplement curieux de découvrir le sujet, déjà donateur ou engagé dans une démarche philanthropique, ou un professionnel qui accompagne ou sollicite des philanthropes, ce MOOC est fait pour vous ! Chaque semaine, vous progresserez grâce à des vidéos alliant théorie et pratique, des lectures pour aller plus loin, des quiz pour renforcer vos acquis et des forums où vous pourrez échanger entre participants et avec l'équipe pédagogique. A l'issue de ce MOOC, vous aurez toutes les clés en main pour comprendre et agir en faveur d'un monde meilleur !\n\nCe MOOC est réalisé par la chaire Philanthropie de l'ESSEC, en collaboration avec la Fondation de France. \n\nLa chaire Philanthropie de l'ESSEC bénéficie du soutien de la Fondation de France, de la Fondation Daniel & Nina Carasso, des Fondations Edmond de Rothschild, de la Fondation Bettencourt Schueller et de la Fondation Caritas France."
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 "instructorIds": "[4451871, 9316988]",
 "specializations": "[]",
 "partnerIds": "[223]",
 "name": "La Philanthropie : Comprendre et Agir"
 },
 {
 "FIELD1": 244,
 "courseType": "v2.on-demand",
 "description": "In recent years, the international tax planning strategies of multinationals have become a source of – often heated – debate. This course provides"
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learners with the tools to become fully informed participants in the debate by explaining the foundations and practice of international tax law as well as addressing current developments and the ethical aspects of tax planning.",

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    "slug": "international-taxation",
    "instructorIds": "[5896736]",
    "specializations": "[]",
    "partnerIds": "[25]",
    "name": "Rethinking International Tax Law"
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    "FIELD1": 245,
    "courseType": "v2.ondemand",
    "description": "This course provides an introduction to complex analysis which is the theory of complex functions of a complex variable. We will start by introducing the complex plane, along with the algebra and geometry of complex numbers, and then we will make our way via differentiation, integration, complex dynamics, power series representation and Laurent series into territories at the edge of what is known today. Each module consists of five video lectures with embedded quizzes, followed by an electronically graded homework assignment. Additionally, modules 1, 3, and 5 also contain a peer assessment. \n \nThe homework assignments will require time to think through and practice the concepts discussed in the lectures. In fact, a significant amount of your learning will happen while completing the homework assignments. These assignments are not meant to be completed quickly; rather you'll need paper and pen with you to work through the questions. In total, we expect that the course will take 6-12 hours of work per module, depending on your background.",
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    "id": "PwuYBQZREeW5gyIACwQVNg",
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    "instructorIds": "[3491158]",
    "specializations": "[]",
    "partnerIds": "[34]",
    "name": "Introduction to Complex Analysis"
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    "FIELD1": 246,
    "courseType": "v2.ondemand",
    "description": "Advanced Competitive Strategy will introduce new topics and modules with even more real world examples and opportunities for student interaction than in the previous course Competitive Strategy (https://www.coursera.org/learn/competitivestrategy).\n \nIn Advanced Competitive Strategy, we will look at how companies can build up and maintain their customer base by increasing switching costs and facilitating strategic customer lock-ins. We will find out how firms can increase their profits by pursuing suitable price discrimination and product differentiation strategies.\n \nWe will look at examples of what is acceptable behavior under the premises of EU competition and US antitrust policies and discover exciting ways of how companies can increase their returns by strategically making use of network effects and economies of size. We will further intensify our newly acquired knowledge about network effects and discuss strategies that are explicitly tailored to network markets.\n \nWe will analyze the workings of mergers and acquisitions and, moreover, support you in considering alternative strategies that can help companies grow organically.",
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    "id": "H3HGeBK4EeS0RyIACp50Cg",
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    "instructorIds": "[2573718]",
    "specializations": "[]",
    "partnerIds": "[64]",
    "name": "Advanced Competitive Strategy"
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    "FIELD1": 247,
    "courseType": "v2.ondemand",
    "description": "This course looks at where important materials in products we use every day come from and how these materials can be used more efficiently, longer, and in closed loops. This is the aim of the Circular Economy, but it doesn't happen on its own. It is the result of choices and strategies by suppliers, designers, businesses, policymakers and all of us as consumers. \n\nIn addition to providing many cases of managing materials for sustainability, the course also teaches skills and tools for analyzing circular business models and promotes development of your own ideas to become more involved in the transition to a Circular Economy.\n\nYou will learn from expert
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researchers and practitioners from around Europe as they explain core elements and challenges in the transition to a circular economy over the course of 5 modules:\n\nModule 1: Materials. This module explores where materials come from, and builds a rationale for why society needs more circularity.\n\nModule 2: Circular Business Models. In this module circular business models are explored in-depth and a range of ways for business to create economic and social value are discussed.\n\nModule 3: Circular Design, Innovation and Assessment. This module presents topics like functional materials and eco-design as well as methods to assess environmental impacts.\n\nModule 4: Policies and Networks. This module explores the role of governments and networks and how policies and sharing best practices can enable the circular economy.\n\nModule 5: Circular Societies. This module examines new norms, forms of engagement, social systems, and institutions, needed by the circular economy and how we, as individuals, can help society become more circular.",

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"specializations": "[ ]",
"partnerIds": "[ '199', '503', '535', '504', '505', '506', '507', '508']",
"name": "Circular Economy – Sustainable Materials Management"
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{
  "FIELD1": 248,
  "courseType": "v2.ondemand",
  "description": "Welcome to Course 2 of Introduction to Applied Cryptography. In this course, you will be introduced to basic mathematical principles and functions that form the foundation for cryptographic and cryptanalysis methods. These principles and functions will be helpful in understanding symmetric and asymmetric cryptographic methods examined in Course 3 and Course 4. These topics should prove especially useful to you if you are new to cybersecurity. It is recommended that you have a basic knowledge of computer science and basic math skills such as algebra and probability.",
  "id": "0cyl5rmJEEa7HhLAXRS5cg",
  "slug": "mathematical-foundations-cryptography",
  "instructorIds": "[ '22960203', '21251837', '1911301']",
  "specializations": "[ ]",
  "partnerIds": "[ '126']",
  "name": "Mathematical Foundations for Cryptography"
},
{
  "FIELD1": 249,
  "courseType": "v2.ondemand",
  "description": "Despite the recent increase in computing power and access to data over the last couple of decades, our ability to use the data within the decision making process is either lost or not maximized at all too often, we don't have a solid understanding of the questions being asked and how to apply the data correctly to the problem at hand.\n\nThis course has one purpose, and that is to share a methodology that can be used within data science, to ensure that the data used in problem solving is relevant and properly manipulated to address the question at hand.\n\nAccordingly, in this course, you will learn:\n  - The major steps involved in tackling a data science problem.\n  - The major steps involved in practicing data science, from forming a concrete business or research problem, to collecting and analyzing data, to building a model, and understanding the feedback after model deployment.\n  - How data scientists think!\n\nLIMITED TIME OFFER: Subscription is only $39 USD per month for access to graded materials and a certificate.",

  "id": "0Ft7o_8IEee1YxLCJ0cSDA",
  "slug": "data-science-methodology",
  "instructorIds": "[ '28512151', '28511560']",
  "specializations": "[ ]",
  "partnerIds": "[ '348']",
  "name": "Data Science Methodology"
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{
  "FIELD1": 250,
  "courseType": "v2.ondemand",
  "description": "Producing music is an incredibly creative process, and knowing the tools of the trade is essential in order to transmit the musical ideas in your head into the DAW in a creative and uninhibited way. Whether you have used a computer to create music before, or you have been curious about production for years, this 4-week course will give you an introductory look into the world of Avid Pro Tools and Pro Tools"
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First.",
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 "instructorIds": "[14990685]",
 "specializations": "[]",
 "partnerIds": "[21]",
 "name": "Pro Tools Basics"
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{
 "FIELD1": 251,
 "courseType": "v2.ondemand",
 "description": "In contemporary societies healthcare is a key social institute that addresses the issues of maintenance and improvement of citizens' health. While population health is largely produced outside of healthcare settings themselves, the functioning of healthcare, including diagnosis, treatment, and prevention of illness, injury, and other impairments, is essential for people's wellbeing. Yet, healthcare can be and often is insufficiently accessible, responsive, and efficient for different members of society. How can healthcare provision and society be bridged?\nThrough the exploration of a combination of theoretical and practical perspectives, this online course highlights the necessity of a dialogue and collaboration between healthcare professionals, patients, and the public at large. Course participants will critically explore challenges posed by disjunctions between healthcare and society, analyze both benefits and unintended consequences of bridging the two, and propose ways to accomplish the bridging in practice of healthcare provision.\n\nAfter completion of this course you will be able to:
1.\tRecognize disjunctions between healthcare provision and society
2.\tBe aware of consequences of disjunctions between healthcare provision and society
3.\tIdentify opportunities for bridging healthcare provision and society, using a biosocial approach to health
4.\tAnalyze cases of disjunctions between healthcare provision and society, and propose opportunities for bridging
5.\tRecognize the historical trends of scientification, professionalization, and medicalization, in the relations between medicine, health care, and society.\n\nThis course was developed by a consortium of five universities: Maastricht University, National Research Tomsk State University, National University of \"Kyiv-Mohyla Academy\", National Pirogov Memorial Medical University, Vinnytsya, and Siberian State Medical University within the framework of BIHSENA project. BIHSENA stands for \"Bridging Innovations, Health and Societies: Educational capacity building in the Eastern European Neighbouring Areas\". BIHSENA project has been funded with support from the European Commission. This course reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.",
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 "description": "This course teaches computer programming to those with little to no previous experience. It uses the programming system and language called MATLAB to do so because it is easy to learn, versatile and very useful for engineers and other professionals. MATLAB is a special-purpose language that is an excellent choice for writing moderate-size programs that solve problems involving the manipulation of numbers. The design of the language makes it possible to write a powerful program in a few lines. The problems may be relatively complex, while the MATLAB programs that solve them are relatively simple: relative, that is, to the equivalent program written in a general-purpose language, such as C++ or Java. As a result, MATLAB is being used in a wide variety of domains from the natural sciences, through all disciplines of engineering, to finance, and beyond, and it is heavily used in industry. Hence, a solid background in MATLAB is an indispensable skill in today's job market.\n\nNevertheless, this course is not a MATLAB tutorial. It is an introductory programming course that uses MATLAB to illustrate general concepts in computer science and programming. Students who successfully complete this course will become familiar with general concepts in computer science, gain an understanding of the general concepts of programming, and obtain a solid foundation in the use of MATLAB.\n\nStudents taking the course will get a MATLAB Online license free of charge for the duration of the course. The students are encouraged to consult the eBook that this course is based on. More information about these resources can be found on the Resources menu on the right."},

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{
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  "description": "This is an Exploratorium teacher professional development course taught by Teacher Institute staff, open to any science teacher (particularly middle or high school level) and science enthusiast. This is a hands-on workshop that explores topics and strategies teachers can use to help their students become active investigators of light.\n\nWatch a preview video (copy and paste this link into your browser):\nhttps://youtu.be/fPvT\_quBVIw\n\nThere are four weeks of course content, which require 2-4 hours per week. Each module builds upon the previous one, so we strongly suggest you follow the sequence we've outlined rather than skip ahead or do the course in less time. The course is designed to give you an opportunity to learn and share with others, not test what you know. There are weekly activity and reflection assignments, but these will not be graded. To receive credit for this course, you will need to complete the peer-reviewed final assignment.\n\nAs a participant, you will:\n- Watch videos that demonstrate natural phenomena and the Exploratorium's approach to teaching and learning\n- Conduct personal investigations by engaging in hands-on activities based in those phenomena\n- Reflect and share your experience doing activities\n- Discuss and identify challenges and opportunities for teaching\n- Devise a lesson of your own based on one or more of the activities\n\nEach week, we'll look at a different light-related topic: We will start by examining human visual perception, then take a brief historical tour of our evolving scientific understanding. We'll also look at optics and optical instruments and finish by looking at the wave nature of light.\n\nTo get the most out of this
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experience, you'll have to try out some activities! In return, you'll get lots of valuable teaching resources, an in-depth understanding of the subject matter, and useful tips and techniques for the classroom.\n\nNOTE: This is a hands-on workshop, so you will need to buy or find materials. All of the materials required are inexpensive and should be easy to obtain, and we welcome substitutions! A separate list of materials is available for each activity.",

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{
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{
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  "description": "The Paradoxes of War teaches us to understand that war is not only a normal part of human existence, but is arguably one of the most important factors in making us who we are. Through this course, I hope that you will come to appreciate that war is both a natural expression of common human emotions and interactions and a constitutive part of how we cohere as groups. That is, war is paradoxically an expression of our basest animal nature and the exemplar of our most vaunted and valued civilized virtues. You will learn some basic military history and sociology in this course as a lens for the more important purpose of seeing the broader social themes and issues related to war. I want you to both learn about war, but more importantly, use it as way of understanding your everyday social world. So, for example, the discussion of war and gender will serve to start you thinking about how expectations of masculinity are created and our discussion of nationalism will make clear how easy “us-them” dichotomies can be established and (ab)used. I will suggest some readings for you to complement the class and assign some activities through which you will be able to apply the theoretical insights from the course to your observations of everyday life. At the end of the course, you will start to see war everywhere and come to appreciate how much it defines our life.\n\nAll the features of this course are available for free. It does not offer a certificate upon completion.",
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  "description": "Ce cours propose une introduction à la protection internationale des droits de l'homme. Il en présente les sources, les catégories, le contenu et les limites qui leur sont opposables, ainsi que les obligations qu'ils génèrent à la charge des Etats. Il expose aussi les principaux mécanismes de mise en œuvre prévus au niveau universel et régional pour assurer leur respect. \n\nDepuis la fin de la Seconde Guerre mondiale, les droits de l'homme sont un domaine en plein essor. De nombreuses causes sont aujourd'hui défendues et débattues sous la bannière des droits de l'homme : la protection des minorités, la lutte contre la discrimination des femmes, des personnes lesbiennes,
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gaines, bisexuelles et transgenres (LGBT), la lutte contre la torture et les disparitions forcées, la lutte contre la pauvreté ou encore la protection de l'environnement et la protection des données. Partout dans le monde, ces causes mobilisent tant les acteurs politiques que la société civile et elles sont discutées dans de multiples enceintes, nationales et internationales.\n\nLe présent cours vise à offrir les bases nécessaires pour appréhender et comprendre le domaine vaste et complexe que sont devenus les droits de l'homme. Quelles sont les caractéristiques et les différentes catégories des droits de l'homme ? Quels sont leurs fondements philosophiques et historiques ? Pourquoi ces droits sont-ils importants ? Quels instruments visent à les protéger ? Comment rendre ces droits opérationnels ? Quels mécanismes existent pour les mettre en œuvre et quels sont leurs avantages et leurs inconvénients ?\n\nEn abordant ces questions, le cours s'adresse tant à des membres de la communauté universitaire qu'à des praticiens (responsables politiques, membres du corps diplomatique, fonctionnaires, journalistes, membres d'ONG, défenseurs des droits de l'homme et spécialistes de la coopération au développement, de l'aide humanitaire et des questions relatives aux réfugiés), ainsi qu'à toutes les personnes qui sont engagées dans la protection des droits de l'homme ou simplement désireuses de mieux comprendre ce phénomène.\n\nLe cours est conçu et dispensé par les Professeurs Maya Hertig Randall et Michel Hottelier, de la Faculté de droit de l'Université de Genève. Durant le cours, des membres d'organes et institutions voués à la protection des droits de l'homme et des spécialistes de la communauté académique seront invités à intervenir.\n\nLe cours est donné en français. Il consiste en une série de 8 sessions, comprenant chacune un certain nombre de brèves présentations vidéo (8 à 15 minutes). Chaque session s'accompagne d'un questionnaire d'évaluation. Des lectures préparatoires sont requises pour chaque session.",

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        "description": "Terrorism has arguably been one of the defining factors of our age. It frequently makes headlines, threatening or attacking governments, private business and ordinary citizens. And in many parts of the world, it has been one of the most important threats to peace, security and stability. But what does this exactly mean? What is the nature of this threat? Who or what is threatened, how, by whom and why? What can be done about it or how can we at least limit the impact of terrorism and make sure that terrorists do not make headlines and manage to scare us?\n\nThese are just a handful of questions that will be addressed in this course that consists of three parts. First it focuses on the essence of terrorism as an instrument to achieve certain goals, in addition to an exploration of this phenomenon and the difficulties in defining it.\n\nThe second part provides an overview of the state of the art in (counter) terrorism studies. Since '9/11' terrorism studies have grown exponentially, reflecting the rise in perceived threats. But what has academia come up with? What theories, assumptions and conventional wisdom has it produced that could be of help in understanding terrorism and dealing with it? The most interesting results are examined and compared with empirical evidence with the aim to either stress their importance or to debunk them as myths.\n\nThe final part looks into the implications and possibilities for policy making. The course ends with a module specifically designed to address one of today's most topical issue: the foreign fighter phenomenon.",

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системы, их преимущества и недостатки.\n4. Как и где можно использовать блокчейн и криптовалюты, и почему это безопасно.\n5. В чём сходства и отличия наиболее популярных блокчейн-платформ: Bitcoin и Ethereum.\n6. Сфера применения блокчейна Ethereum в жизни.\n\nВ конце курса вам предстоит спроектировать сценарий использования блокчейна в бизнесе. Это будет ваш курсовой проект, в котором вы сможете применить все полученные в курсе знания.",

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  "name": "Sleep: Neurobiology, Medicine, and Society"
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{
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  "description": "The goal of this capstone spacecraft dynamics project is to employ the skills developed in the rigid body Kinematics, Kinetics and Control courses. An exciting two-spacecraft mission to Mars is considered where a primary mother craft is in communication with a daughter vehicle in another orbit. The challenges include determining the kinematics of the orbit frame and several desired reference frames, numerically simulating the attitude dynamics of the spacecraft in orbit, and implementing
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a feedback control that then drives different spacecraft body frames to a range of mission modes including sun pointing for power generation, nadir pointing for science gathering, mother spacecraft pointing for communication and data transfer. Finally, an integrated mission simulation is developed that implements these attitude modes and explores the resulting autonomous closed-loop performance. \n\nTasks 1 and 2 use three-dimensional kinematics to create the mission related orbit simulation and the associated orbit frames. The introductory step ensures the satellite is undergoing the correct motion, and that the orbit frame orientation relative to the planet is being properly evaluated.\n\nTasks 3 through 5 create the required attitude reference frame for the three attitude pointing modes called sun-pointing, nadir-pointing and GMO-pointing. The reference attitude frame is a critical component to ensure the feedback control drives the satellite to the desired orientation. The control employed remains the same for all three pointing modes, but the performance is different because different attitude reference frames are employed. \n\nTasks 6 through 7 create simulation routines to first evaluate the attitude tracking error between a body-fixed frame and a particular reference frame of the current attitude mode. Next the inertial attitude dynamics is evaluated through a numerical simulation to be able to numerically analyze the control performance.\n\nTasks 8-11 simulate the closed-loop attitude performance for the three attitude modes. Tasks 8 through 10 first simulate a single attitude at a time, while tasks 11 develops a comprehensive attitude mission simulation which considers the attitude modes switching autonomously as a function of the spacecraft location relative to the planet.",

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{  

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    "courseType": "v2.ondemand",  

    "description": "This course aims to provide the basic knowledge about extracellular vesicles (EV) a generic term including exosomes, microvesicles, microparticles, ectosomes, oncosomes, prostasomes, and many others. It covers areas such as EV history, nomenclature, biogenesis, EV cargo as well as the release and uptake mechanisms, collection and processing prior to isolation, different isolation methods, characterization and quantification techniques.\n\nThis course is divided into five modules. Module 1 is an introduction to the field and will cover the nomenclature and the history of EVs. Module 2 will focus on the biogenesis, release and uptake mechanisms of EVs as well as the different EV cargos (RNA, protein, lipids). In Module 3, we will focus on the collection and processing of cell culture media and body fluids such as blood, breast milk, cerebrospinal fluid and urine prior to isolation of EVs. Module 4 and 5 will present different isolation methods and characterization/quantification techniques, respectively. Here differential ultracentrifugation, size exclusion chromatography, density gradient, kit based precipitation, electron microscopy (EM), cryo-TEM, flow cytometry, atomic-force microscopy and nanoparticle tracking analysis will be presented.\n\nThe recommended prerequisites are college-freshman-level biology and biochemistry.\nAfter a completed course you should be able to:\n+ Discuss the nomenclature and subgroups of extracellular vesicles.\n+ Describe the RNA, protein and lipid content of extracellular vesicles.\n+ Describe the basic concepts about the most common isolation and characterization techniques and how these techniques are used in the EV field.\n+ State the benefits and limitations of the most common isolation and characterization techniques for extracellular vesicles.\n+ Explain the considerations that are important during the collection and isolation of EVs from different body fluid.\n+ Describe the release and uptake mechanisms of extracellular vesicles\nAll lectures are given in English.\n\nEach of the five modules will be followed by an exam. All exams will be in the format of multiple choice questions.\n\nThe course is organized in collaboration between the International Society for Extracellular Vesicles (ISEV), University of California Irvine (USA), University of Gothenburg (Sweden) and Pohang University of Science and Technology (South Korea).",  

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"name": "Teaching the Violin and Viola: Creating a Healthy Foundation"
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{
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"courseType": "v2.ondemand",
"description": "Apache Spark is the de-facto standard for large scale data processing. This is the first course of a series of courses towards the IBM Advanced Data Science Specialization. We strongly believe that is is crucial for success to start learning a scalable data science platform since memory and CPU constraints are to most limiting factors when it comes to building advanced machine learning models.\n\nIn this course we teach you the fundamentals of Apache Spark using python and pyspark. We'll introduce Apache Spark in the first two weeks and learn how to apply it to compute basic exploratory and data pre-processing tasks in the last two weeks. Through this exercise you'll also be introduced to the most fundamental statistical measures and data visualization technologies.\n\nThis gives you enough knowledge to take over the role of a data engineer in any modern environment. But it gives you also the basis for advancing your career towards data science. \n\nPlease have a look at the full specialization curriculum:<https://www.coursera.org/specializations/advanced-data-science-ibm>\n\nIf you choose to take this course and earn the Coursera course certificate, you will also earn an IBM digital badge. To find out more about IBM digital badges follow the link ibm.biz/badging.\n\nAfter completing this course, you will be able to:\n\tDescribe how basic statistical measures, are used to reveal patterns within the data\n\tRecognize data characteristics, patterns, trends, deviations or inconsistencies, and potential outliers.\n\tIdentify useful techniques for working with big data such as dimension reduction and feature selection methods\n\tUse advanced tools and charting libraries to:\n\t\timprove efficiency of analysis of big-data with partitioning and parallel analysis\n\t\tvisualize the data in an number of 2D and 3D formats (Box Plot, Run Chart, Scatter Plot, Pareto Chart, and Multidimensional Scaling)\n\nFor successful completion of the course, the following prerequisites are recommended:\n\tBasic programming skills in python\n\tBasic math\n\tBasic SQL\n\nIn order to complete this course, the following technologies will be used:\n\tThese technologies are introduced in the course as necessary so no previous knowledge is required.\n\tJupyter notebooks (brought to you by IBM Watson Studio for free)\n\tApacheSpark (brought to you by IBM Watson Studio for free)\n\tPython\n\nThis course takes four weeks, 4-6h per week",

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"name": "Fundamentals of Scalable Data Science"
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{
"FIELD1": 267,
"courseType": "v2.ondemand",
"description": "Do you want to know how robots work? Are you interested in robotics as a career? Are you willing to invest the effort to learn fundamental mathematical modeling techniques that are used in all subfields of robotics?\n\nIf so, then the \"Modern Robotics: Mechanics, Planning, and Control\" specialization may be for you. This specialization, consisting of six short courses, is serious preparation for serious students who hope to work in the field of robotics or to undertake advanced study. It is

not a sampler.\n\nIn Course 1 of the specialization, Foundations of Robot Motion, you will learn fundamental material regarding robot configurations, for both serial robot mechanisms and robots with closed chains. You will learn about configuration space (C-space), degrees of freedom, C-space topology, implicit and explicit representations of configurations, and holonomic and nonholonomic constraints. You will also learn how to represent spatial velocities and forces as twists and wrenches. This material is at the core of the study of anything that moves (e.g., robots).\n\nThis course follows the textbook "Modern Robotics: Mechanics, Planning, and Control" (Lynch and Park, Cambridge University Press 2017). You can purchase the book or use the free preprint pdf. You will build on a library of robotics software in the language of your choice (among Python, Mathematica, and MATLAB) and use the free cross-platform robot simulator V-REP, which allows you to work with state-of-the-art robots in the comfort of your own home and with zero financial investment.",

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"instructorIds": "[['4812278']]",
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{
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  "description": "This course is intended to be an introduction to machine learning for non-technical business professionals. There is a lot of hype around machine learning and many people are concerned that in order to use machine learning in business, you need to have a technical background. For reasons that are covered in this course, that's not the case. In actuality, your knowledge of your business is far more important than your ability to build an ML model from scratch.\n\nBy the end of this course, you will have learned how to:\n• Formulate machine learning solutions to real-world problems\n• Identify whether the data you have is sufficient for ML\n• Carry a project through various ML phases including training, evaluation, and deployment\n• Perform AI responsibly and avoid reinforcing existing bias\n• Discover ML use cases\n• Be successful at ML\n\nYou'll need a desktop web browser to run this course's interactive labs via Qwiklabs and Google Cloud Platform.\n\n>>> By enrolling in this course you agree to the Qwiklabs Terms of Service as set out in the FAQ and located at:  
<<<",
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  "description": "In this course we aim to provide you with an insight into how recent societal and technological developments have changed the work of professionals in a variety of professional domains and how this in turn affects professionalism. The course highlights core themes, discusses main insights and theories, raises questions and presents cases, and links insights to practical challenges in various professional domains. It provides a state of the art assessment of professionalism in transition, by looking back and looking forward. It supports target audiences in dealing with professional services and professionals. \n\nThe programme has an interdisciplinary approach and will focus on different levels:\nAt macro level the course presents a historical and sociological view on past and future changes in professions, focused on:\n•\thow do professional fields develop?\n•\thow is professionalism promoted and encouraged among professionals?\n•\thow do professional fields control and empower their members?\n\nAt meso level the course presents an organisational view on changes within professional partnerships and institutions, focused on the following questions:\n•\thow do norms and routines affect professionals and professional work?\n•\thow do professionals organise and lead professional work?\n\nAt micro level a psychological perspective on changing work and a changing work environment of professionals is presented. This part focuses on the following questions:\n•\thow do professionals deal with work pressure and remain motivated?\n•\twhich competencies do professionals require to be able and capable to deliver?\n\nWe invite you to join us and increase your understanding of the topics addressed in this course through lectures, interviews, animations, readings and peer interaction."
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"description": "This competency-based, skill-building course will help non-U.S. students, first generation immigrants and foreign-born professionals better understand and master American e-Learning, as well as other U.S. virtual environments, for college and career success.\n\nTo excel in American online learning and work environments, international students and foreign-born professionals need to know how American universities and companies use the Internet to organize study and work, develop and execute projects, communicate ideas, collaborate, and solve organizational and technical problems. By taking this course, you will learn how to enhance your cultural knowledge and assess potential skill gaps that may hinder your online experience or negatively impact your performance in U.S. virtual work environments. Throughout the course you will systematically review competencies required for online work, come to better understand common barriers for non-native students and professionals, learn how to detect and overcome competency gaps, and develop plans for self-improvement.\n\nWe hope that you will enjoy the course and invite you to share your own experiences with other students.",

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"name": "Whole genome sequencing of bacterial genomes – tools and applications"

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composition of the Supreme Court.\n\nWe'll start with an overview of the Constitution where we'll consider questions such as \"Why the Constitution?\" and \"What function does the Constitution serve?\" Next we'll examine how the Constitution and its subsequent interpretation established the powers of the federal, legislative, and judicial branches of government and allocated powers to the states.\n\nJoin me as we look at the questions both raised and answered by the Constitution and those that interpret it!\n\nBy the end of this course, you should be able to:\n\n- Describe how the structure of the United States government has been shaped by both the text of the Constitution and by subsequent interpretation and practice of political actors in all branches of government\n\n- Illustrate compromises found in the Constitution by citing examples and historic background\n\n- Articulate the importance of key cases such as *Marbury v. Madison*, *McCullough v. Maryland*, and *Lochner v. New York*\n\n- Explain how the outcome of cases is often dependent upon the current cultural and political climate as well as the composition of the court by citing particular cases and important shifts in the court's jurisprudence\n\n- Assess the relative suitability of various approaches to constitutional interpretation and analysis",

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Training is a 12-hour online course designed by Columbia University in 2016, with sponsorship from the Office of the National Coordinator for Health Information Technology (ONC). The training is role-based and uses case scenarios. Also, it has additional, optional modules on other topics of interest or relevance. Although we suggest to complete the course within a month's timeframe, the course is self-paced and so you can start and finish the course at anytime during a month's time period. No additional hardware or software are required for this course.\n\nOur nation's healthcare system is changing at a rapid pace. Transformative health care delivery programs depend heavily on health information technology to improve and coordinate care, maintain patient registries, support patient engagement, develop and sustain data infrastructure necessary for multi-payer value-based payment, and enable analytical capacities to inform decision making and streamline reporting. The accelerated pace of change from new and expanding technology will continue to be a challenge for preparing a skilled workforce so taking this training will help you to stay current in the dynamic landscape of health care.\n\nThis course is one of three related courses in the HI-FIVE training program, which has topics on population health, care coordination and interoperability, value-based care, healthcare data analytics, and patient-centered care. Each of the three courses is designed from a different perspective based on various healthcare roles. This first course is from a clinical perspective, geared towards physicians, nurse practitioners, physician assistants, nurses, clinical executives and managers, medical assistants, and other clinical support roles. However, we encourage anyone working in healthcare, health IT, public health, and population health to participate in any of the three trainings. If you would like to obtain continuing medical education (CME) or continuing nursing education (CNE) credits, you will need to have eligible credentials, complete the entire course, and complete the evaluation survey at the end. The HI-FIVE team verifies after each month that these requirements have been met and then a separate certificate (fee may apply) is distributed to you from our accreditation office. Please allow time for processing. If you have any further questions about continuing education, please see our website at www.hi-fivetraining.org.
Accreditation Statement
The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
AMA Credit Designation Statement
The College of Physicians and Surgeons designates this enduring material for 12.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
The planning committee members are: Rita Kukafka, DrPH, MA, FACMI; Bruce Forman, MD; Gil Kuperman, MD, PhD; Virginia Lorenzi, MS, CPHIMS, FHL7, and Victoria Tiase, MSN, BN. None of the members of the committee, who planned this CME Activity, have any relevant financial relationships to disclose. The release date is 2/1/17 and the expiration date is 1/31/18.
This activity is eligible for 12 continuing nursing education (CNE) credits.
Columbia University School of Nursing, Continuing Nursing Education Program is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.",

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有家族病史的病患，這些病患對本身如何得到肺癌往往得不到答案。但抬頭看看我們的天空，不論是大陸吹來的沙塵暴，或是我們台灣本島製造的空污，早已將天空蒙上一層灰，因此空污對於肺癌，實在有著密不可分的關聯。其實對於肺癌，有個早期篩檢的利器—低劑量電腦斷層篩檢，這項篩檢無需禁食，也不用打顯影劑，只要五分鐘左右即可完成，只可惜因為需要自費，因此許多人望之卻步，也讓許多人失去了早期篩檢出肺癌的機會。希望藉由這門課可以讓大家對台灣新國病—肺癌有不同的認識，也希望大家能更重視呼吸的健康。"，

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{
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    "name": "Innovation publique et pensée design, l'innovation sociale au service des territoires"
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{
    "FIELD1": 284,
    "courseType": "v2.ondemand",
    "description": "* \"系统平台与计算环境\"仅是\"大学计算机\"系列课程的第一部分，我们将在不久的未来推出“算法与C语言编程基础”，\"大学计算机\"系列课程的第二部分，敬请关注！*\n\n计算机科学是研究抽象和自动计算"
}

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的学科，涉及的理论知识众多。作为计算机科学的入门，“大学计算机”系列课程将从基础知识入手，循序渐进，帮助你在了解计算机系统整体结构和基本原理的基础上，具备“选择和利用各种已有工具软件解决问题的能力”和“编写程序解决一般专业问题的能力”。\n\n本系列课程由“系统平台与计算环境（第一部分）”和“算法与C语言编程基础（第二部分）”两门课程构成。每门课程独立开设，既自成一体，又相互衔接，构成体系。本课程，即第一部分的内容，将涉及计算模型与信息表示、软硬件系统组成及工作原理、网络技术及应用、OFFICE基本操作等多个知识模块。本课程的学习目标是了解计算机软硬件系统组成、信息表示方法、网络技术等计算机学科的基础知识和基本操作技能；在未来我们将提供系列课程第二部分的学习目标，即学会编写简单的C语言控制台程序以及排序、查找等基本算法。\\n\\n本课程是学习计算机的入门课程，无需信息技术方面的基础，但需要你会一些计算机的基本操作，比如：文字录入、通过网络获取信息（网络信息检索）等。",

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  "description": "What makes WiFi faster at home than at a coffee shop? How does Google order its search results from the trillions of webpages on the Internet? Why does Verizon charge $15 for every GB of data we use? Is it really true that we are connected in six social steps or less?\n\nThese are just a few of the many intriguing questions we can ask about the social and technical networks that form integral parts of our daily lives. This course is about exploring the answers, using a language that anyone can understand. We will focus on fundamental principles like “sharing is hard”, “crowds are wise”, and “network of networks” that have guided the design and sustainability of today’s networks, and summarize the theories behind everything from the social connections we make on platforms like Facebook to the technology upon which these websites run.\n\nUnlike other networking courses, the mathematics included here are no more complicated than adding and multiplying numbers. While mathematical details are necessary to fully specify the algorithms and systems we investigate, they are not required to understand the main ideas. We use illustrations, analogies, and anecdotes about networks as pedagogical tools in lieu of detailed equations.\n\nAll the features of this course are available for free. It does not offer a certificate upon completion.",
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Nobleza.\n\nWe examine the Visigoths transition from Christian Arianism to Catholicism and the harsh treatment of the Jewish population. We explore Islamic governance and development of the medieval city of three faiths, with a special interest in its cultural achievements. We will study King Alfonso "The Wise" (1252–1284)'s efforts to characterize himself as the "king of three religions" via his legal codices, the creation of the Cantigas de Santa María, and his intellectual endeavor known as the Toledo School of Translators. We evaluate the robust Jewish and converso noble families of the city and appreciate their intellectual, religious, and economic contributions to Castilian life. We will bear witness to the rise of anti-Jewish blood purity statutes, the creation of the Inquisition, and the expulsion of the Jews. We also briefly introduce and study Spanish manuscripts from the municipal and cathedral archives to make new scholarly breakthroughs relating to the Jewish, Christian, and Muslim interrelations.\n\nNo knowledge of Spanish is needed to participate in the course or in our transcription efforts.",

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  "partnerIds": "[7]",
  "name": "Image and Video Processing: From Mars to Hollywood with a Stop at the Hospital"
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technology solutions based on Cognitive Load Theory and related multimedia learning design models.\n3.\tJustify the selection of learning technologies for solving organizational problems based on evidence and best practices.",

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"partnerIds": "[17]",
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"specializations": "[]",
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"specializations": "[]",
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{
"FIELD1": 294,
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"description": "Este curso te dará ágil acceso a las estructuras de datos principales del lenguaje de programación Python en su versión 3.0. \\nUna vez que termines este curso tendrás un conocimiento general de Python, que te permitirá realizar programas

que trabajen con muchos datos tomados desde archivos de la computadora. Aquí podrás conocer cómo utilizar las estructuras de datos integradas en Python, como las listas, los diccionarios y las tuplas. Además entenderás cómo trabajar con archivos y el manejo de excepciones. \n\nComo se trata del segundo curso dentro de un programa especializado, se requiere tener conocimientos de los conceptos básicos de programación y saber escribir y ejecutar scripts de Python.\nEste curso cubrirá las secciones 6–9 del libro de texto "El Tutorial de Python" de Guido Van Rossum, el creador de Python.",

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{
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{
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  "description": "对于我们中的许多人来说，虽然拍照、分享和浏览照片已经成了日常生活中的习惯，但我们与图像的频繁接触并未培养我们在视觉表达上的素养。这个课程的目的在于通过介绍影响摄影作品的创意、手段与技术，讨论观看照片与真正理解照片之间距离的问题。在这个课程里，你将近距离观看纽约现代艺术博物馆收藏的照片，聆听从不同角度对照片的解读，以及摄影在将近180年历史中被使用的方式：作为艺术表现的途径、作为科学和探索的工具、作为纪实文献的媒介、作为讲述故事和记录历史的手段，以及作为日益视觉化的文化中一种交流和批评的模式。学习目标\n\n训练技巧，以便更好地检视和理解照片与摄影图像之间的不同。发现语境如何影响摄影图像的制作、传播和接收。学习摄影中各种不同模式的艺术和技术试验和创新。探讨摄影在日益视觉化的文化中所发挥的作用",
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  "slug": "sheying",
  "instructorIds": "[ '17172319' ]",
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  "name": "透过摄影看世界"
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{
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{
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"description": "Welcome to Grow Your Business with Goldman Sachs 10,000 Women.\n\nGoldman Sachs 10,000 Women is a global initiative that fosters economic growth by providing women business owners around the world with business and management education, mentoring and networking, and access to capital.\n\nThis introductory business course has been developed from the face-to-face program which has enabled over 10,000 women to see immediate and sustained business growth. It is designed for women business owners, running established businesses operating for more than one year, to provide the practical tools and skills required to help you grow your business. The course will enable you to develop your understanding of the three key ingredients of growth potential: you, your business, and your opportunity.\n\nThrough focused and tailored exercises, you will assess the strengths and weaknesses of your business and yourself as a business leader. You will also identify and refine your key opportunities for business growth. As you complete the course, you will be connecting with like-minded business owners from around the world. The course will provide you with a unique forum to share your experiences, and provide support and advice to others.\n\nWhat can you do after this introductory course?\nOnce you finish this introductory course, you will have the opportunity to continue your learning journey with 10,000 Women through a further 10 weeks of online learning.\n\nThe innovative 10-week course covers a full range of business topics from your leadership style and management structure to resource allocation and operational efficiency. You will build on what you learn in the introductory course and analyze the growth of your business further through the creation of a Business Growth Plan (BGP). The BGP is a strategic and tactical implementation tool designed to guide your business's growth and help you to communicate your opportunity, vision, and ideas to your team, stakeholders, and customers.\nUpon successfully completing the two courses, you will be able to join the 10,000 Women alumni community and connect with a global network of past participants.\n\nYou will also have the opportunity to apply and be considered for the Goldman Sachs 10,000 Women Growth Fellowship program to further encourage your business growth. The Fellowship will take place in New York City in Fall 2019.",
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"description": "This course provides students with a set of tools and methodologies to plan and initiate a Problem Solving or Quality Improvement project. The first module presents methods for selecting, scoping and structuring a project before it is even initiated. It also introduces the project classifications of implementation and discovery. The second module describes the A3 problem solving methodology and the tool itself. Further in that same module, the student is shown tools to identify problems in flow, defects, and waste and to discover causes, brainstorm, and prioritize interventions. Module 3 shows a methodology within the implementation class. These methods are designed to overcome emotional and organizational barriers to translating evidence-based interventions into practice. The fourth and last module looks at one more way to approach improvement projects in the discovery class. These tools are specifically for new, out-of-the-box design thinking.",
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{
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"description": "Partez à la découverte de l'infiniment petit, en compagnie de physiciens et de physiciennes qui vont vous faire découvrir les secrets de la matière quand on l'étudie aux distances les plus courtes, aux énergies les plus élevées. Vous vous initierez aux progrès les plus récents de la recherche en physique nucléaire et de la physique des particules, et vous découvrirez les principes des accélérateurs et des détecteurs avec lesquels on a pu étudier la matière à ces échelles, pour arriver jusqu'à la découverte du boson de Higgs en 2012 auprès du collisionneur de particules du CERN, le LHC.\n\nCe cours en français fait partie du MOOC \"Voyages de l'infiniment grand à l'infiniment petit\", conçus par des physiciens et des physiciennes du Labex P2IO (Physique des 2 Infinis et des Origines) regroupant des laboratoires de physique de l'infiniment grand et de l'infiniment petit situés à Orsay et Saclay. Les différents parcours de ce MOOC vous montreront les connaissances et les énigmes de l'infiniment grand et de l'infiniment petit, les relations que ces deux infinis entretiennent, et les liens de ces découvertes avec la société :\n\nhttps://www.coursera.org/learn/physique-2-infinis-infiniment-petit\nhttps://www.coursera.org/learn/physique-2-infinis-infiniment-grand\nhttps://www.coursera.org/learn/physique-2-infinis-liens\nhttps://www.coursera.org/learn/physique-2-infinis-et-nous\n\nLe MOOC \"Voyages de l'infiniment grand à l'infiniment petit\" a été conçu avec le soutien financier du Labex P2IO (Physique des 2 Infinis et des Origines) présenté sur www.labex-p2io.fr",
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"specializations": "[]",
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"name": "Vers l'infiniment petit – Voyages de l'infiniment grand à l'infiniment petit"
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{
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"description": "This is the second course in the Learn English: Advanced Grammar and Punctuation specialty. In this course, you will learn about a lot of different ways to join ideas to make more complex and interesting sentences. You'll learn about two types of conjunctions, many other types of connectives, and adverb clauses. You'll also learn about how to punctuate all of these expressions and the types of sentences they create. All of this is grammar you must know to have a high fluency in English.\n\nPlease note that the free version of this class gives you access to all of the instructional videos and handouts. The peer feedback and quizzes are only available in the paid version.",
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  "specializations": "[ ]",
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  "name": "Solución de problemas y toma de decisiones"
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  "description": "This course will be an overview of a development of the theological methods in relation to Korea's cultural context. Completing the course, the learners can understand cultural influences on the dynamic development of Korean churches and indigenous theology; they can also gain an insight into their own image of God and theological imagination in their own cultural context.",
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{
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}
```

esteja familiarizado com os principais conceitos, ferramentas e metodologias de criação de interfaces e experiência de usuário.

Não deixe de ver as perguntas frequentes antes de se inscrever

Conheça os nossos outros cursos:

- Criação de Startups: Como desenvolver negócios inovadores
- Estrutura jurídica e financeira
- Marketing Digital
- Inove na gestão de equipes e negócios: o crescimento da empresa
- Marketing e vendas B2B: fechando novos negócios

<https://www.coursera.org/learn/criacao-startups>

<https://www.coursera.org/learn/consolidando-empresas>

<https://www.coursera.org/learn/estrategia-marketing-digital>

<https://www.coursera.org/learn/gestao-equipes-negocios>

<https://www.coursera.org/learn/marketing-vendas-b2b>,

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`Upon completing this course, you will be able to:`

1. Describe the difference between managers and leaders
2. Explore the focus of a manager's job
3. Cite the required skills for a new manager's success
4. Describe the five functions of management
5. Explain the new model management operating philosophy
6. Describe the hierarchy of planning
7. Use the SMART goal setting technique
8. Discuss the concept of evolution of leadership
9. Explain how customer satisfaction is linked to controlling
10. Discuss the power of building a network",

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"description": "Are you a business executive or a manager who uses English in your career? Then you know that good business communication in English requires focus, vocabulary, and specific linguistic structures. In this course, you will follow along a recently promoted manager as she builds and leads her team to success. Together, you will practice the language and styles of communication needed in English for:`

- Recruiting and training a professional team to work together with integrity and respect
- Managing and participating in well-organized meetings
- Making telephone conferences more efficient
- Writing professional emails that are easy to read

`The activities in this course will give you the opportunity to share your experience and receive immediate feedback from other business professionals around the world.`

`¿Es usted un ejecutivo de negocios o gerente que utiliza inglés en su profesión? Entonces Ud. sabe que la buena comunicación empresarial en inglés exige los enfoques, el vocabulario y las estructuras lingüísticas específicas. En este curso, Ud. seguirá, a lo largo con un gerente recién promovido, como ella construye y conduce a su equipo hacia el éxito. Juntos, ustedes practicarán el lenguaje y los estilos de comunicación en inglés necesarios para:`

- Reclutar y el entrenar a un equipo profesional a trabajar juntos con integridad y respeto
- Manejar y participar en las reuniones bien organizadas
- Hacer que las conferencias telefónicas sean más eficaz
- Escribir correos electrónicos profesionales que sean fáciles de leer
- Las actividades en este curso le dan la oportunidad de compartir su experiencia y recibir retroalimentación inmediata de otros profesionales empresariales en todo el mundo.",

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{
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}
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solve them, and how a high-level model (written in MiniZinc) is transformed into a form that is executable by these underlying solvers. By better understanding the actual solving technology, you will both improve your modeling capabilities, and be able to choose the most appropriate solving technology to use.\n\nWatch the course promotional video here: <https://www.youtube.com/watch?v=-EiRsK-Rm08>,

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{
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}
```

элементов (мирового финансового рынка, международных платежных систем, инвестиционных операций, банковской деятельности и пр.) под влиянием цифровых технологий. Представленный курс является чрезвычайно актуальным, поскольку особое внимание уделяется анализу новейших глобальных тенденций в сфере развития международной финансовой системы в условиях цифровизации.",

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"description": "This course distills for you expert knowledge and skills mastered by professionals in Health Big Data Science and Bioinformatics. You will learn exciting facts about the human body biology and chemistry, genetics, and medicine that will be intertwined with the science of Big Data and skills to harness the avalanche of data openly available at your fingertips and which we are just starting to make sense of. We'll investigate the different steps required to master Big Data analytics on real datasets, including Next Generation Sequencing data, in a healthcare and biological context, from preparing data for analysis to completing the analysis, interpreting the results, visualizing them, and sharing the results.\n\nNeedless to say, when you master

these high-demand skills, you will be well positioned to apply for or move to positions in biomedical data analytics and bioinformatics. No matter what your skill levels are in biomedical or technical areas, you will gain highly valuable new or sharpened skills that will make you stand-out as a professional and want to dive even deeper in biomedical Big Data. It is my hope that this course will spark your interest in the vast possibilities offered by publicly available Big Data to better understand, prevent, and treat diseases.",

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  "description": "Aprenda os conceitos e abordagens básicos necessários para compreender, criar e executar música contemporânea.\n\nSe você é apaixonado por música e tem curiosidade de como ela funciona, ou se é um músico que aprendeu a tocar de ouvido, sem um estudo formal, esse curso lhe oferecerá uma introdução envolvente de conceitos e abordagens chave para compreender, criar e executar música contemporânea. Ministrado pelo professor George W. Russell Jr. do Berklee College of Music, o curso inclui seis lições que exploram harmonia e o treino de ouvido – duas áreas de foco intensivo para todo aluno iniciante na Berklee. \n\nO curso lhe ensinará a as escalas pentatônicas maiores e menores e como elas são construídas. Você aprenderá quais são os intervalos, como cantá-los e como encontrá-los na música. O curso explora o tom central e como encontrar qual o tom de uma música, além de divisões de compasso comuns como 4/4 e 3/4. Você aprenderá a construir acordes – tríades maiores e menores, e acordes maiores e com sétima dominante – e como construir uma progressão de acordes comum – o I IV V. Você também aprenderá a reconhecer os formatos de música blues e AABA e a escrever uma sequência de acordes básica para expressar suas ideias musicais. \n\nAlém das aulas em vídeo, cada aula envolve apresentações e entrevistas com alunos da Berklee. Os alunos compartilham suas jornadas musicais e oferecem orientações para aqueles que querem estudar música. O ponto alto do curso é uma tarefa que solicita que você componha e execute um riff de melodia em blues usando a escala pentatônica menor. Acima de tudo, o curso foi pensado para compartilhar o prazer de criar música e compartilhá-la com os outros.",
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{
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 "slug": "jisuanji-xitong",
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 "specializations": "[]",
 "partnerIds": "[230]",
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{
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 "description": "Our primary goal is to help you to understand FinTech and to become more confident and persuasive in your ability to analyze and make recommendations to executives within the finance industry regarding how to react to these changes.\\n\\nThis FIRST MOOC ON FINTECH IN ASIA-PACIFIC offered by HKUST presents the insight of several professors from the top business school in Asia as well as perspectives from industry professionals. HKUST has been ranked for many years as the No.1 EMBA program in the world, as the number one Finance program in Asia, and as the top MBA program in Asia by multiple independent rating and review journals and surveys. \\n\\nThis course \"FinTech Foundations and Overview\" offers the combined strengths of HKUST in Business, Finance, and Technology as one the world's leading academic institutions on an important area of technology and business innovations. For learners from outside Asia, this also gives an insight into changes happening in the most advanced FinTech markets of the world, since Asia leads worldwide in FinTech adoption and creative innovations.",
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 "specializations": "[]",
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 "FIELD1": 329,
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develop an understanding of marketplace activity in the radically different context of subsistence where much of humanity resides and survives, and for you to design solutions that can be implemented by individuals, businesses, and social enterprises through economically, ecologically, and socially sustainable products for subsistence marketplaces.",

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{
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{
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"FIELD1": 332,
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{
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  "description": "本课程是北京大学开设的一门在线大学化学基础课，主要面向具有大学水平的化学初学者。课程内容基本涵盖全部基础化学概念。",
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  "specializations": "[ ]",
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  "name": "大学化学"
},
{
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  "description": "\"Powerpoint slides are like children: no matter how ugly they are, you'll think they're beautiful if they're yours\" – Scott Adams, author of the comic strip \"Dilbert\". Due to this cause or another, it's a huge stress to look at most Powerpoint slides. Depending on the \"design\" skills of the speaker and audience's taste slides create different emotions from a slight annoyance to physical sickness.\n\nBut that is not the worst thing. The worst thing is that instead of improving the presentation such slides confuse the audience, distract it and finally oblige the speaker to explain them rather than being quite self-explanatory.\n\nThe goal of this course is to change that by equipping learners with a set of tools to create simple, clear and aesthetic slides which improve the presentation of the speaker. The course covers universal design principles, templates, colors, typefaces, slides' typography, use of photos and pictograms, composition rules and ways to create clear and meaningful charts and diagrams.\n\nThis course is not a PowerPoint fundamentals course. You should have a basic knowledge of either Microsoft PowerPoint or Apple Keynote software.\n\nDon't meddle, make your slides matter.",
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  "name": "Presentation skills: Designing Presentation Slides"
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{
  "FIELD1": 336,
  "courseType": "v2.ondemand",
  "description": "本课程为“初级课程”，为了适应初学者需求，章节安排分为三个板块。1–5章为初学者进行了知识普及和铺垫，6–7章为学员了解行业做进一步介绍，8–9章带领学员深入中国游戏行业了解产业发展和产品运营，层层进阶、循序渐进。而课程二《游戏策划与设计》整体知识难度将有升级，重视实操，请学员做好准备。从游戏诞生之初至今已走过半个多世纪。但许多人仍认为游戏产业并未成熟，然而其高速发展的势头引人注目。蕴含市场潜力的游戏产品推陈出新，品类丰富多样，终端靓丽时尚，游戏玩家人数激增，游戏产业逐渐成为欧、美、日、韩等国创意经济新的增长点。本课程包括游戏起源、游戏发展史、游戏分类、游戏的研发制作流程、世界游戏产业纵览和知识产权保护等章节，为培养成熟"
}

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的游戏产业市场经理人打下良好基础。",
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 "instructorIds": "['15712211 ']",
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 "partnerIds": "['188', '341']",
 "name": "游戏产业概论"
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{
 "FIELD1": 337,
 "courseType": "v2.ondemand",
 "description": "So how does the American political system work? Who are some of the key actors? What are key concepts for a student trying to understand what's going on? How can I as a citizen influence politics? \n\nCivic Engagement in American Democracy takes on these and other key questions. We're Dr. Nicholas Carnes and Dr. Bruce Jentleson, the principal course instructors. Along with our Duke faculty colleagues who also contributed modules, we've designed the course to provide a strong foundational introduction to US politics. \n\nIf you're new to this material, proceed through the modules one by one and build up your knowledge of politics and government. If some of the material is familiar, go ahead and set your own pace. Either way we hope Civic Engagement in American Democracy helps you be an effective student in more advanced politics courses and/or an engaged citizen in 21st century America.",
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 "specializations": "[]",
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{
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 "specializations": "[]",
 "partnerIds": "['58']",
 "name": "Evaluación de peligros y riesgos por fenómenos naturales"
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{
 "FIELD1": 339,
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 "specializations": "[]",
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 "name": "Strategic Leadership and Management Capstone"
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 "FIELD1": 340,
 "courseType": "v2.ondemand",
 "description": "Functional programming is becoming increasingly widespread in industry. This trend is driven by the adoption of Scala as the main programming language for many applications. Scala fuses functional and object-oriented programming in a practical package. It interoperates seamlessly with both Java and Javascript. Scala is the implementation language of many important frameworks, including Apache Spark, Kafka,

and Akka. It provides the core infrastructure for sites such as Twitter, Tumblr and also Coursera.
In this course you will discover the elements of the functional programming style and learn how to apply them usefully in your daily programming tasks. You will also develop a solid foundation for reasoning about functional programs, by touching upon proofs of invariants and the tracing of execution symbolically.
The course is hands on; most units introduce short programs that serve as illustrations of important concepts and invite you to play with them, modifying and improving them. The course is complemented by a series programming projects as homework assignments.
Recommended background: You should have at least one year programming experience. Proficiency with Java or C# is ideal, but experience with other languages such as C/C++, Python, Javascript or Ruby is also sufficient. You should have some familiarity using the command line.",

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"name": "Functional Programming Principles in Scala"
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{
"FIELD1": 341,
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"specializations": "[ ]",
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"name": "心理学与生活"
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{
"FIELD1": 342,
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"description": "Thoracic malignancies are major, global health problems. Lung cancer is the most common cancer and cause of cancer death in the world, with more than 1.5 million deaths per year. More Americans will die from lung cancer each year (approximately 159,480) than from colon, breast, pancreatic, and prostate cancer combined (approximately 158,630), the next most common causes of cancer death. Esophageal cancer is the 6th most common cause of cancer deaths worldwide, and the 4th most common cause in developing nations.\n\nThis course will provide a comprehensive, multidisciplinary introduction to state of the art approaches in the care of patients with thoracic malignancies, including various types of lung cancers and esophageal cancers. Didactic material will cover epidemiology, screening and diagnosis, staging, imaging, radiation therapy, systemic therapy, surgery, psychiatry, and patient support topics. \n\nThis is an on-demand course with integrated learning units that are focused on specific topics. Each unit contains several video lectures with interactive questions and is followed by a short quiz.\n\nPrerequisites: None required although basic medical training in some field related to thoracic oncology would be helpful.",

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{
"FIELD1": 343,
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"description": "This course gives you an easy introduction to interest rates and related contracts. These include the LIBOR, bonds, forward rate agreements, swaps, interest rate futures, caps, floors, and swaptions. We will learn how to apply the basic tools duration and convexity for managing the interest rate risk of a bond portfolio. We will gain practice in estimating the term structure from market data. We will learn the basic facts from stochastic calculus that will enable you to engineer a large variety of

stochastic interest rate models. In this context, we will also review the arbitrage pricing theorem that provides the foundation for pricing financial derivatives. We will also cover the industry standard Black and Bachelier formulas for pricing caps, floors, and swaptions.\n\nAt the end of this course you will know how to calibrate an interest rate model to market data and how to price interest rate derivatives.",

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"specializations": "[]",
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"name": "Interest Rate Models"

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{
"FIELD1": 344,
"courseType": "v2.ondemand",
"description": "Over the past several decades, operations strategy has played an increasingly important role in business' success. In this course, we will equip you with concepts and tools to build operations in a way that not only supports your competitive strategy, but also allows you to create new opportunities in the market place.\n\nScaling operations: Linking strategy and execution is a five-week course dedicated to making strategic decisions that are grounded in operational reality. Together, we will study how to build and evaluate the \"operating system\" of the firm to maximize value. This involves tailoring the firm's operational competencies, assets, and processes to a specific business strategy.\n\nEach week, we'll explore case studies, engage in discussions and examine realistic data. Thanks to our data-driven approach, you'll be able to implement your learning directly into practice. At the end of this course, you'll be ready to build an effective, actionable plan to scale your department or organization.",
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"slug": "operations-strategy",
"instructorIds": "[9636752, 9635725]",
"specializations": "[]",
"partnerIds": "[54]",
"name": "Scaling Operations: Linking Strategy and Execution"

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{
"FIELD1": 345,
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"description": "El estudio de mercado nos ayuda a identificar y definir oportunidades y problemas de mercado, para generar y evaluar estrategias de promoción y venta de los productos y/o servicios de tu empresa o idea de negocio, y a su vez mejorar la relación que existe entre la empresa y sus clientes, consumidores, proveedores, etc.\n\nEn este curso conoceremos las herramientas que se utilizan en la mercadotecnia para la venta y promoción de un producto y/o servicio, así como algunos métodos para la determinación de su precio y las características con las que contará dicho producto.",
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"partnerIds": "[58]",
"name": "Introducción al Mercado"

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"instructorIds": "[10815125]",
"specializations": "[]",
"partnerIds": "[182]",
"name": "Etkili Konuşma (Effective Speaking)"

},
{
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"courseType": "v2.ondemand",
"description": "In this course, we'll look at the JavaScript language, and how it

supports the Object-Oriented pattern, with a focus on the unique aspect of how JavaScript approaches OOP. We'll explore a brief introduction to the jQuery library, which is widely used to do in-browser manipulation of the Document Object Model (DOM) and event handling. You'll also learn more about JavaScript Object Notation (JSON), which is commonly used as a syntax to exchange data between code running on the server (i.e. in PHP) and code running in the browser (JavaScript/jQuery).
It is assumed that learners have already taken the Building Web Applications and Building Database Applications in PHP courses in this specialization.",

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"specializations": "[]",
"partnerIds": "[3]",
"name": "JavaScript, jQuery, and JSON"
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{
  "FIELD1": 348,
  "courseType": "v2.ondemand",
  "description": "This course will provide you with the tools necessary to complete the final components of the analyze phase as well as the improve and control phases of the Six Sigma DMAIC (Define, Measure, Analyze, Improve, and Control) process. This course is the final course in the Six Sigma Yellow Belt Specialization. You will learn about relationships from data using correlation and regression as well as the different hypothesis terms in hypothesis testing. This course will provide you with tools and techniques for improvement. You will also understand the importance of a control plan, as well as its key characteristics, for maintaining process improvements. Every module will include readings, discussions, lecture videos, and quizzes to help make sure you understand the material and concepts that are studied.
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Our applied curriculum is built around the latest handbook The Certified Six Sigma Handbook (2nd edition) and students will develop /learn the fundamentals of Six Sigma. Registration includes online access to course content, projects, and resources but does not include the companion text The Certified Six Sigma Handbook (2nd edition). The companion text is not required to complete the assignments. However, the text is a recognized handbook used by professionals in the field. Also, it is a highly recommended text for those wishing to move forward in Six Sigma and eventually gain certification from professional agencies such as American Society for Quality (ASQ).",

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"id": "0AyrZ4C8EeaajBLtQE6fuQ",
"slug": "six-sigma-improve-control",
"instructorIds": "[23090209, 23083415, 20254386, 20291989]",
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{
  "FIELD1": 349,
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  "description": "In this course, you will explore advanced topics in financial accounting. You will start your journey with accounting for assets with more than one-year life. You will learn in detail how firms account for fixed assets. You will then move to financing of assets and discuss accounting for liabilities. The course will continue with an in-depth exploration of shareholders' equity. Finally, you will critically evaluate preparation, components, and analysis of cash flows statement.
```

Upon successful completion of this course, you will be able to:
• Account for fixed assets
• Understand accounting for liabilities
• Evaluate shareholders' equity section of a balance sheet
• Understand preparation and information provided by cash flows statement
This course is part of the iMBA offered by the University of Illinois, a flexible, fully-accredited online MBA at an incredibly competitive price. For more information, please see the Resource page in this course and onlinemba.illinois.edu.",

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{
  "FIELD1": 350,
  "courseType": "v2.ondemand",
  "description": "Colossal pyramids, imposing temples, golden treasures, enigmatic
```

hieroglyphs, powerful pharaohs, strange gods, and mysterious mummies are features of Ancient Egyptian culture that have fascinated people over the millennia. The Bible refers to its gods, rulers, and pyramids. Neighboring cultures in the ancient Near East and Mediterranean wrote about its god-like kings and its seemingly endless supply of gold. The Greeks and Romans describe aspects of Egypt's culture and history.\n\nAs the 19th century began, the Napoleonic campaign in Egypt highlighted the wonders of this ancient land, and public interest soared. Not long after, Champollion deciphered Egypt's hieroglyphs and paved the way for other scholars to reveal that Egyptian texts dealt with medicine, dentistry, veterinary practices, mathematics, literature, and accounting, and many other topics. Then, early in the 20th century, Howard Carter discovered the tomb of Tutankhamun and its fabulous contents. Exhibitions of this treasure a few decades later resulted in the world's first blockbuster, and its revival in the 21st century has kept interest alive.\n\nJoin Dr. David Silverman, Professor of Egyptology at Penn, Curator in Charge of the Egyptian Section of the Penn Museum, and curator of the Tutankhamun exhibitions on a guided tour of the mysteries and wonders of this ancient land. He has developed this online course and set it in the galleries of the world famous Penn Museum. He uses many original Egyptian artifacts to illustrate his lectures as he guides students as they make their own discovery of this fascinating culture.",

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{
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  "description": "In this course you will learn about the importance of quality in healthcare and how you can contribute by implementing a quality improvement (QI) project to improve processes of care and patient outcomes. You will learn about powerful tools to add to your QI 'toolbox' during short lectures and reflective exercises. You will apply these tools to the implementation of a QI project in your own practice setting or an area of personal improvement. At the completion of the course, you will have a storyboard that captures your QI project success to share with others.\n\nThe QI project will be considered within the context of interprofessional teams and from a systems perspective. The objective of this course is to empower you, the working healthcare professional, to improve your knowledge and skills in the science of quality improvement so that you can take action in your own clinical setting to improve the quality of care for your patients and their families.",
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  "slug": "hcqualityimprovement",
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  "partnerIds": "[68]",
  "name": "Take the Lead on Healthcare Quality Improvement"
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{
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  "slug": "cloud-services-java-spring-framework",
  "instructorIds": "[4639533, '1337829']",
  "specializations": "[]",
  "partnerIds": "[37]",
  "name": "Building Cloud Services with the Java Spring Framework"
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{
  "FIELD1": 353,
  "courseType": "v2.ondemand",
  "description": "In this first course of the specialization, you will discover just
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what data visualization is, and how we can use it to better see and understand data. Using Tableau, we'll examine the fundamental concepts of data visualization and explore the Tableau interface, identifying and applying the various tools Tableau has to offer. By the end of the course you will be able to prepare and import data into Tableau and explain the relationship between data analytics and data visualization. This course is designed for the learner who has never used Tableau before, or who may need a refresher or want to explore Tableau in more depth. No prior technical or analytical background is required. The course will guide you through the steps necessary to create your first visualization story from the beginning based on data context, setting the stage for you to advance to the next course in the Specialization.",

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  "slug": "more-chinese-for-beginners",
  "instructorIds": "[ '8562621' ]",
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  "partnerIds": "[ '163' ]",
  "name": "More Chinese for Beginners"
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{
  "FIELD1": 355,
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  "description": "Science and Technology in the Silla Heritage\n\nThe course explores the scientific and technological aspects of the cultural heritage of Silla, an ancient dynasty in Korea, and its relationship with other ancient civilizations in the world. The lecture series will cover major cultural heritage of Silla: Bulguksa, Seokguram, Cheomseongdae, Poseokjeong, the Sacred Bell of Great King Seongdeok, and metallurgy.\n\nModern development in science and technology occurred mostly in the West. But during ancient times, various developments were made in science and technology in many countries outside of the West. In that sense, this series of lectures aims to obtain better understanding of the development in science and technology in the Silla dynasty through scientific and technological analysis of Silla cultural properties.",
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  "specializations": "[ ]",
  "partnerIds": "[ '430' ]",
  "name": "Science and Technology in the Silla Cultural Heritage"
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{
  "FIELD1": 356,
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  "description": "In this course, you will learn how to design balancing systems and to compute remaining energy and available power for a battery pack. By the end of the course, you will be able to:\n\tEvaluate different design choices for cell balancing and articulate their relative merits\n\tDesign component values for a simple passive balancing circuit\n\tUse provided Octave/MATLAB simulation tools to evaluate how quickly a battery pack must be balanced\n\tCompute remaining energy and available power using a simple cell model\n\tUse provided Octave/MATLAB script to compute available power using a comprehensive equivalent-circuit cell model",
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  "slug": "battery-pack-balancing-power-estimation",
  "instructorIds": "[ '22004840' ]",

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"name": "Battery Pack Balancing and Power Estimation"
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{
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{
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"description": "Почему возникают разногласия?\nМожно ли прожить без конфликтов?\nКак действовать в ситуации конфликта?\nДать ответы на эти вопросы – существенное требование современности.\nОтветы интересны как домохозяйке, так и руководителю крупного предприятия. Трудные ситуации взаимодействия могут возникнуть дома, на улице, в офисе, в студенческой среде, при большом скоплении народа. Мы не застрахованы от стрессоров, обстоятельств и людей, ввергающих нас в конфликтные отношения. Наш курс подскажет, как превращать нежелательные явления жизни в полезный опыт и получать удовольствие от общения и как помогать другим предотвращать и разрешать конфликты.\n\nВ результате обучения слушатели смогут:\n– сформировать позитивное отношение к конфликтам;\n– использовать структуру конфликта при диагностике ситуации;\n– овладеть тремя техниками, позволяющими быть готовым к трудным ситуациям;\n– выявлять причины внутриличностных конфликтов через представление гуманистической, поведенческой и психоаналитической психологии;\n– делать выбор осознанно;\n– применять диагностические методы конфликта на практике;\n– научиться анализировать семейные конфликты и выбирать адекватные стратегии поведения;\n– выявлять и корректировать факторы, влияющие на развитие организационных конфликтов;\n– развить способность управлять своими конфликтами, благодаря сформированной конфликтологической компетентности;\n– повысить качество личной и профессиональной жизни.\n\nСертификат о прохождении данного курса дает дополнительные баллы при поступлении в магистратуру Национального исследовательского Томского государственного университета. Перечень магистерских программ находится по ссылке: https://pro-online.tsu.ru/edu/student/table.php",
"id": "QdHw-bjSEee9Dw6zl3J7sA",
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"instructorIds": "[['31020479']]",
"specializations": "[]",
"partnerIds": "[['276']]",
"name": "Практика разрешения конфликтов. Я – семья – работа – общество"
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{
"FIELD1": 359,
"courseType": "v2.ondemand",
"description": "By the end of this course, learners will understand what computer vision is, as well as its mission of making computers see and interpret the world as humans do, by learning core concepts of the field and receiving an introduction to human vision capabilities. They are equipped to identify some key application areas of computer vision and understand the digital imaging process. The course covers crucial elements that enable computer vision: digital signal processing, neuroscience and artificial intelligence. Topics include color, light and image formation; early, mid- and high-level vision; and mathematics essential for computer vision. Learners will be able to apply
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mathematical techniques to complete computer vision tasks. \n\nThis course is ideal for anyone curious about or interested in exploring the concepts of computer vision. It is also useful for those who desire a refresher course in mathematical concepts of computer vision. Learners should have basic programming skills and experience (understanding of for loops, if/else statements), specifically in MATLAB (Mathworks provides the basics here: <https://www.mathworks.com/learn/tutorials/matlab-onramp.html>). Learners should also be familiar with the following: basic linear algebra (matrix vector operations and notation), 3D co-ordinate systems and transformations, basic calculus (derivatives and integration) and basic probability (random variables). \n\nMaterial includes online lectures, videos, demos, hands-on exercises, project work, readings and discussions. Learners gain experience writing computer vision programs through online labs using MATLAB* and supporting toolboxes.\n\nThis is the first course in the Computer Vision specialization that lays the groundwork necessary for designing sophisticated vision applications. To learn more about the specialization, check out a video overview at <https://youtu.be/0fxVUSCPXd0>. \n\n * A free license to install MATLAB for the duration of the course is available from MathWorks.",

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\n\nWe will also explore real-world examples of legal battles surrounding copyright law, from the recent litigation over Robin Thicke's hit song \"Blurred Lines\" to more peculiar cases such as the infamous \"monkey selfie\" case. By understanding what copyright does and does not protect, producers of creative expression will be able to protect and maximize the commercial value of their works.",

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    "partnerIds": "[6]",  
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},
{
 "FIELD1": 361,
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course overview video at <https://youtu.be/IZcyZHomFQc>,

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{"id": "H_rBZ9rMEeeCnw6tUJCJGg", "slug": "matrix-algebra-engineers", "instructorIds": "[304770]", "specializations": "[]", "partnerIds": "[35]", "name": "Matrix Algebra for Engineers"}, {"FIELD1": 363, "courseType": "v2.ondemand", "description": "Public Mental Health is the application of the principles of medicine and social science to prevent the occurrence of mental and behavioral disorders and to promote mental health of the population. This course illustrates the principles of public health applied to depressive disorder, including principles of epidemiology, transcultural psychiatry, health services research, and prevention. It is predicted that by 2020 depressive disorder will be the most important cause of disease burden in the entire world! Every human being suffers from feeling depressed at some point or other, but only about one fifth of the population will experience an episode of depressive disorder over the course of their lives. This course illuminates the public health approach to disease, and the particular complexities of applying this approach to mental disorders, using depression as the exemplar.", "id": "s6_Z4SBAEeWcQw5YiljpGw", "slug": "public-health-depression", "instructorIds": "[3892615, 3953386, 4297433]", "specializations": "[]", "partnerIds": "[8]", "name": "Major Depression in the Population: A Public Health Approach"}, {"FIELD1": 364, "courseType": "v2.ondemand", "description": "通过本门课程的学习，你的创新能力将会获得大幅提升。课程首先致力于观念的转变，其次我会讲到很多具体的创新思维和创新方法。创新并不仅仅是那些黑科技。解决生活或工作中碰到的每一个问题，都需要创新。每一个人的发展都会受到资源的制约，我希望这门课程里，你能找出制约自己发展的那些内部和外部条件，并创造性地解决，突破自己成长的天花板。", "id": "6eR54Y_nEeWF6gpQJiw6hQ", "slug": "chuangxin-siwei", "instructorIds": "[12114568]", "specializations": "[]", "partnerIds": "[233]", "name": "创新思维"}, {"FIELD1": 365, "courseType": "v2.ondemand", "description": "Learn how to analyze data using Python. This course will take you from the basics of Python to exploring many different types of data. You will learn how to prepare data for analysis, perform simple statistical analysis, create meaningful data visualizations, predict future trends from data, and more!\n\nTopics covered:\n\n1) Importing Datasets\n2) Cleaning the Data\n3) Data frame manipulation\n4) Summarizing the Data\n5) Building machine learning Regression models\n6) Building data pipelines\n\nData Analysis with Python will be delivered through lecture, lab, and assignments. It includes following parts:\n\nData Analysis libraries: will learn to use Pandas, Numpy and Scipy libraries to work with a sample dataset. We will introduce you to pandas, an open-source library, and we will use it to load, manipulate, analyze, and visualize cool datasets. Then we will introduce you to another open-source library, scikit-learn, and we will use some of its machine learning algorithms to build smart models and make cool predictions.\n\nIf you choose to take this course and earn the Coursera course certificate, you will also earn an IBM digital badge.\n\nLIMITED TIME OFFER: Subscription is only $39 USD per month for access to graded materials and a certificate.", "id": "fYuElDEgEeiCvhLLCIZW_A", "slug": "data-analysis-with-python", "instructorIds": "[28511493]", "specializations": "[]", "partnerIds": "[348]", "name": "Data Analysis with Python"}
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},
{
  "FIELD1": 366,
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  "partnerIds": "'[15]'",
  "name": "U101: Understanding College and College Life"
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{
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  "description": "Au-delà des relations internationales classiques, le processus de mondialisation mobilise quantité d'acteurs économiques, sociaux et culturels, individuels et collectifs, qui agissent dans l'espace mondial. Nous étudions ensemble, Africains, Latino-américains et Européens, comment il en dérive de nouvelles relations internationales. Ce cours prend sa source dans les approches sociologique et historique françaises des relations internationales, comme celles promues en Afrique et en Amérique latine.\nBertrand Badie, Marie-Françoise Durand, Delphine Allès, Atta El Battahani, Carlos Milani, Gaïdz Minassian, Papa Samba Ndiaye, Karen Smith, Folashadé Soule-Kohndou.",
  "id": "nHq9Y2efEeexBQ7xGbB4Dg",
  "slug": "afrique-mondialisation",
  "instructorIds": "[10499203, '9848589']",
  "specializations": "[]",
  "partnerIds": "'[210]'",
  "name": "Afrique et mondialisation, regards croisés"
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{
  "FIELD1": 368,
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  "description": "Health data are notable for how many types there are, how complex they are, and how serious it is to get them straight. These data are used for treatment of the patient from whom they derive, but also for other uses. Examples of such secondary use of health data include population health (e.g., who requires more attention), research (e.g., which drug is more effective in practice), quality (e.g., is the institution meeting benchmarks), and translational research (e.g., are new technologies being applied appropriately). By the end of this course, students will recognize the different types of health and healthcare data, will articulate a coherent and complete question, will interpret queries designed for secondary use of EHR data, and will interpret the results of those queries.",
  "id": "VjzKP0Q1EeiJ2RKoe7qovg",
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"description": "¡Hola!\n\nBienvenidos a Diseño de videojuegos: una introducción! El diseño de videojuegos es el arte de aplicar conceptos de diseño para crear la interacción entre jugadores. Es un ejercicio mental que requiere varios conocimientos en diferentes campos y la habilidad de comunicar qué es lo que se quiere lograr.\n\nEste curso hace parte del Programa desarrollo y diseño de videojuegos, de la Universidad de los Andes, Colombia. En este ambiente de aprendizaje los estudiantes aprenderán las bases del diseño de videojuegos, aplicarán éstas al diseño de juegos de acción y de plataformas en 2D y prepararán una especificación funcional en un documento de 10 puntos y no más de 10 páginas. Al final deben presentar un prototipo funcional en Unity del juego.\n\nSe recomienda que los participantes hayan visto el curso de \"Desarrollo de videojuegos en Unity: una Introducción\", pues para el desarrollo de los prototipos deberán tener conocimientos de programación en este motor de desarrollo de ambientes lúdicos y bajo control del usuario.\n\nTen en cuenta que este curso ha sido diseñado como el segundo de cinco cursos que hacen parte del programa especializado en Desarrollo y Diseño de Videojuegos. Puedes tomar todos los cursos por separado o sólo uno de ellos, sin embargo te recomendamos que te inscribas y participes en los cinco, ojalá en el orden que te proponemos, de manera que llegues al último curso denominado \"Desarrollo y Diseño de Videojuegos: proyecto final\" preparado para aplicar los conocimientos adquiridos en los cursos anteriores.\n\nPara inscribirte únicamente a este curso debes ir a la página del mismo: <https://www.coursera.org/learn/diseno-videojuegos-intro/home/welcome>. Haz click en el botón azul de la izquierda \"Enroll now\" o \"Inscribirse ahora\", donde podrás elegir si deseas tomar el curso pagando por la certificación con una suscripción mensual o anual, en cuyo caso debes hacer unas evaluaciones adicionales obligatorias y cumplir con los otros requisitos de certificación; o si deseas auditarlo, es decir acceder al contenido sin pagar por el certificado o suscripción.",
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{
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"description": "Whether students come from a Branding or a Customer Experience background or perspective, this course will explore the synergies between and the intersection of the two sets of activities. While there are different approaches to defining a branding strategy, a branding project's implementation impacts many departments and their customer-facing activities. In this sense, it's essential to understand branding efforts in the context of Customer Experience. In this course, we will use a framework – adapted from Customer Journey Mapping – for focusing and organizing students' thinking about the operational implications of their branding projects. Through the framework, we will derive an operational language for aligning activities and measuring impacts across multiple departments and the customer touch points they manage.",
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{
"FIELD1": 371,
"courseType": "v2.ondemand",
"description": "How can we shape urban development towards sustainable and prosperous futures?\n\nThis course will explore sustainable cities as engines for greening the economy. We place cities in the context of sustainable urban transformation and climate change. Sustainable urban transformation refers to structural transformation processes –

multi-dimensional and radical change – that can effectively direct urban development towards ambitious sustainability and climate goals.\n\nWe will connect the key trends of urbanization, decarbonisation and sustainability. We will examine visions, experiments and innovations in urban areas. We will look at practices (what is happening in cities at present) and opportunities (what are the possibilities for cities going forwards into the future). We bring together a collection of diverse short films and key short readings on sustainable cities as well as interactive forums and a practical assignment to create an online learning community.\n\nThis course provides key examples of activities to promote sustainable cities in Scandinavia, Europe and around the world. We utilize films and reports by WWF, the Economist Intelligence Unit, ICLEI – Local Governments for Sustainability, UN-Habitat, C40 Climate Leadership Group, Arup, Sustainia, the Rockefeller Foundation, and ongoing research projects. This course is produced by Lund University in cooperation with WWF and ICLEI. It is available for free to everyone, everywhere!\n\nThe International Institute for Industrial Environmental Economics (IIIEE) at Lund University is an international centre of excellence on sustainable solutions. The IIIEE is ideally suited to understand and explain the interdisciplinary issues in sustainable cities and greening the economy utilising the diverse disciplinary backgrounds of its international staff. The IIIEE has been researching and teaching on sustainable solutions since the 1990s and it has extensive international networks connecting with a variety of organizations. \n\n5 hours/week\n5 weeks duration\n30 films\n10 teachers",

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"name": "Greening the Economy: Sustainable Cities"
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{
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  "id": "Y2Lu2G4mEeeWCg71xNIlJg",
  "slug": "diode-pn-junction-metal-semiconductor-contact",
  "instructorIds": "[ '26396706' ]",
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  "partnerIds": "[ '71' ]",
  "name": "Diode – pn Junction and Metal Semiconductor Contact"
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{
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  "description": "*** Quer ganhar até US$ 180 em créditos para o Qwiklabs? Participe do DESAFIO DE CONCLUSÃO DA ESPECIALIZAÇÃO hoje mesmo (confira os detalhes abaixo). ***\n\nEste curso on-line prepara os alunos para criar soluções altamente confiáveis e eficientes no Google Cloud Platform usando padrões de design e princípios consagrados e derivados do Google Site Reliability Engineering (SRE). O curso é uma continuação da especialização Architecting with Google Cloud Platform e presume que os participantes já têm experiência prática com as tecnologias abordadas nos outros cursos da especialização.\n\nCom apresentações, desafios e laboratórios práticos, os participantes aprendem a criar implantações do GCP altamente confiáveis e seguras, além de operá-las com disponibilidade alta e muita economia.\n\nNeste curso, os participantes aprenderão a:\n● criar um design voltado para alta disponibilidade, escalabilidade e capacidade de manutenção;\n● avaliar as vantagens e desvantagens dos produtos do Google Cloud Platform para fazer escolhas bem fundamentadas;\n● integrar recursos no local e na nuvem;\n● identificar maneiras de otimizar recursos e minimizar custos;\n● implementar processos que minimizam o tempo de inatividade, como monitoramento e alarmes, testes de integração e unidade, testes de resiliência de produção e análise post-mortem de incidentes;\n● implementar políticas que minimizam riscos à segurança, como auditoria, separação de responsabilidades e privilégio mínimo;\n● implementar tecnologias e processos que garantam a continuidade dos negócios no caso de um desastre.\n\nPré-requisitos\n● Conclusão dos cursos anteriores que integram a especialização Architecting with Google
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Cloud Platform ou experiência equivalente\n ● Proficiência básica em ferramentas de linha de comando e ambientes de sistema operacional Linux\n ● Experiência em operações de sistemas, como implantação e gerenciamento de aplicativos, seja no local ou em ambiente de nuvem pública",

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"specializations": "[]",
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{
"FIELD1": 374,
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"specializations": "[]",
"partnerIds": "[443]",
"name": "Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform"
,

{
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"specializations": "[]",
"partnerIds": "[8]",
"name": "Designing for Sustainment: Keeping Improvement Work on Track (Patient Safety IV)"
,

{
"FIELD1": 376,
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"description": "Volunteer community health workers (CHWs) are a major strategy for increasing access to and coverage of basic health interventions. Our village health worker training course reviews the process of training and continuing education of CHWs as an important component of involving communities in their own health service delivery. Participants will be guided through the steps of planning training and continuing education activities for village volunteers. The course draws on real-life examples from community-directed onchocerciasis control, village health worker programs, community case management efforts, peer educators programs and patent medicine vendor training programs, to name a few.",

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"name": "Training and Learning Programs for Volunteer Community Health Workers"

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{
  "FIELD1": 377,
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  "instructorIds": "[6872692]",
  "specializations": "[]",
  "partnerIds": "[26, 349]",
  "name": "The Manager's Toolkit: A Practical Guide to Managing People at Work"
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  "instructorIds": "[663147]",
  "specializations": "[]",
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  "name": "The Psychology of Thrill Seekers"
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{
  "FIELD1": 379,
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  "slug": "conceptos-estudio-del-medio-ambiente",
  "instructorIds": "[34317018, 34317002, 34316859, 34317030, 34317045]",
  "specializations": "[]",
  "partnerIds": "[350]",
  "name": "Conceptos base para el estudio del medio ambiente"
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{
  "FIELD1": 380,
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  "description": "Course 4 discusses four populations: families, poor families, people with disabilities, and people as they age. This course addresses issues of power, oppression, and white supremacy.\n\nThe first module identifies the needs of children and the role of the state in child development. We will explore changes in the family"
}
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and the resulting debates about how to best support families and child development. We'll appraise family leave and child care programs for their role in supporting paid work and in strengthening child development, as well as income support efforts including the child tax credit and proposals for a family allowance. \n\n-The second module begins with a description of child poverty—both the forces leading to it, and its effects. This module also describes public support programs and critiques the debates surrounding them.\n\n-The third module focuses on persons living with disabilities, evaluating the landmark Americans with Disabilities Act. We will also critique the processes of establishing a disability social insurance program and the public aid programs that make people with disabilities eligible for income support and health support. \n\n-The final module begins with a report on the aging of the U.S. population. Building on this, we'll examine social insurance programs and public aid programs for seniors for their longterm viability, and assess the various reforms that have been proposed to stabilize these programs. \n\nThe course is part of a sequence in social policy that has an HONORS TRACK. This track will prepare the learner for masters-level work in policy, which involves reading the literature, writing concise summaries and probing critiques. Over the sequence the learner will develop a policy analysis that will create a foundation for professional policy analyst assignments.",

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"name": "Income Transfer Policies for Families, People with Disabilities, and the Aging Population"
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{
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  "description": "En este curso se retoman los temas vistos en cursos anteriores. Se complementan con aspectos prácticos como la forma de implementar mapas en tus proyectos con el API de Google Maps. También, muestra cómo aprovechar el multitask de Android y hacer animaciones en 2D para llevar tus aplicaciones a más dispositivos como wearables, televisiones y autos.\n\nDespués de este curso, podrás subir tu aplicación a Google Play Store y hacerte visible para el mundo entero.",
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  "instructorIds": "[ '14422666' ]",
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  "name": "Desarrollo de aplicaciones avanzadas con Android"
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{
  "FIELD1": 382,
  "courseType": "v2.ondemand",
  "description": "Have you come across large piles of garbage in neighbourhoods and streets and smelly waste disposal sites polluting the environment of low- and middle-income countries? Do you want to know what kind of sustainable solutions are appropriate to better manage waste and enhance recycling and recovery? If yes, this course is for you! \n\nThis course provides you with an overview of the municipal solid waste management situation in low- and middle-income countries. It covers key elements of the waste management system, such as its technical, environmental, social, financial and institutional aspects. Besides understanding the challenges, you will be introduced to appropriate and already applied solutions through selected case studies.",
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  "instructorIds": "[ '2387594', '7293234', '16974677' ]",
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  "partnerIds": "[ '16' ]",
  "name": "Municipal Solid Waste Management in Developing Countries"
},
{
  "FIELD1": 383,
  "courseType": "v2.ondemand",
  "description": "Мир сильно изменился с тех времен, когда люди общались между собою с помощью писем на бумаге и с помощью голоса, теперь все мы, расставляем кому-то сети отношений и попадаем в них сами, все мы отныне живем в Сети Глобальной паутины.\n\nВ этом новом мире сетей старые приемы налаживания отношений не работают: журналистов печатных изданий не читают в бумажном варианте, маркетологи, делающие ставку только на онлайн-
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работу, разоряют компании, пиарщики и рекламисты лишаются онлайн-аудитории, HR-специалист, не умеющий работать в сетях, не получает достоверной информации о своих кандидатах.\nЕдинственный выход для професионала: идти в Сеть, «ищите и обрящете»!\n\nНаш курс поможет вам узнать:\n1.\tКакие сети существуют и как меняется психология «человека виртуально-сетевого».\n2.\tПочему блоггеры испытывают от своей деятельности блаженство и что такое гражданская журналистика.\n3.\tКак работает френд-бизнес и как компании делают из потребителей союзников, советчиков и сотрудников.\n4.\tКак найти работу или работника в Сети.\n5.\tКак организовать виртуальную вечеринку или виртуальный конкурс.\n\nСертификат о прохождении данного курса дает дополнительные баллы при поступлении в магистратуру Национального исследовательского Томского государственного университета. Перечень магистерских программ находится по ссылке: <https://pro-online.tsu.ru/edu/student/table.php>,

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"specializations": "[]",
"partnerIds": "[276]",
"name": "«Ловцы людей» или социальные сети в медиа, бизнесе, рекрутинге и образовании"
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{
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  "description": "Amazon famously delivers new code every 11.6 seconds. Just a few years ago, this was unthinkable: many 'cutting edge' firms would release software quarterly. When it comes to digital innovation, velocity is critical and many would say it's the most reliable determinant of success. \n\nBringing an organization to the state of the art (or even functional capability) in this area requires strong work in a combination of disciplines and a combination of both technical and managerial skills. There is no single cookie-cutter approach for achieving this capability. Much like agile, the right focus and formulation depends a lot on the facts and circumstances of the team. This course will provide you with the interdisciplinary skill set to cultivate a continuous deployment capability in your organization. \n\nAfter completing this course, you will be able to: \n1. Diagnose a team's delivery pipeline and bring forward prioritized recommendations to improve it\n2. Explain the skill sets and roles involved in DevOps and how they contribute toward a continuous delivery capability\n3. Review and deliver automation tests across the development stack\n4. Explain the key jobs of system operations and how today's leading techniques and tools apply to them\n5. Explain how high-functioning teams use DevOps and related methods to reach a continuous delivery capability \n6. Facilitate prioritized, iterative team progress on improving a delivery pipeline",
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  "specializations": "[]",
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  "name": "Continuous Delivery & DevOps"
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  "description": "Resolving conflict in a positive manner is a skill than can be developed and practiced. Being heard can be one of the most important goals of someone engaged in conflict. Knowing how to listen and deploy appropriate communication tactics is determinative of whether a conflict will have a positive or negative resolution. Examine listening skills, appropriate and strategic verbal and non-verbal communication skills, and how to assemble a conflict management plan likely to yield positive resolutions.\nUpon completing this course, you will be able to:\n1. Use active learning skills when dealing with conflict\n2. Choose appropriate communication tactics when dealing with conflict\n3. Create a usable plan for managing conflict",
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  "name": "Conflict Resolution Skills"
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class)",
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  "instructorIds": "[887472]",
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  "partnerIds": "[17]",
  "name": "VLSI CAD Part II: Layout"
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  "description": "The vital signs – heart rate, blood pressure, body temperature, respiration rate, and pain – communicate important information about the physiological status of the human body. In this six-part course we explore the anatomy and physiology underlying the vital signs so that you will develop a systematic, integrated understanding of how the body functions. Relevant body systems are reviewed including cardiovascular and respiratory, followed by explanations of how the function of these systems affects vital signs. We discuss normal ranges, normal variants, and the mechanisms that underlie changes in the objective measurement of vital signs. The course also includes demonstrations of appropriate techniques for measuring vital signs in yourself and others.\n\nThe course is designed for a broad, general audience but will be particularly interesting for individuals working in healthcare, those considering a career as a healthcare professional, lay caregivers, those with an interest in personal health and fitness, or anyone who simply wants to understand how the body functions.",
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  "partnerIds": "[6]",
  "name": "Vital Signs: Understanding What the Body Is Telling Us"
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{
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  "description": "In this course, we deal with the general issues regarding packet switching networks. We discuss packet networks from two perspectives. One perspective involves external view of the network, and is concerned with services that the network provides to the transport layer that operates above it at the end systems. The second perspective is concerned with the internal operation of a network, including approaches directing information across the network, addressing and routing procedures, as well as congestion control inside the network.",
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  "instructorIds": "[26632591]",
  "specializations": "[]",
  "partnerIds": "[126]",
  "name": "Packet Switching Networks and Algorithms"
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{
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  "courseType": "v2.ondemand",
  "description": "This sequence of four courses will propose a multi-disciplinary approach to the study of Chinese cultural history conceived of as a succession of modes of rationality (philosophical, bureaucratic, and economic). The focus will be on the moments of paradigm shift from one mode of rationality to another. For each of these moments, cultural facts and artifacts—thought, literature, ritual—will be examined in relationship to changing social, political, and economic systems.\n\nThe first two courses will cover the periods of the Warring States (481–256 BCE) and the Period of Division (220–589 CE), with a brief excursion into the Han (206 BCE–220 CE). The Warring States laid the social and cultural foundations for the emergence of the imperial mode of rationality; the Period of Division saw the Buddhist “conquest” of China and the emergence of a rationality defined by the opposition of the Three Teachings to shamanism, that is, of a clear contrast between elite and popular culture.\n\nThe third and fourth courses will focus on the emergence of modern China in the Song–Yuan (960–1368) and of today’s China 1850 to the present. We will see how the modern attack on religion, redefined as “superstition”, led not only to religious reform movements but also to a society in which science and the nation became the primary value systems promoted by the state.\n\nThe courses are listed below:\n\nA Critical Cultural History of China – Early China I: Intellectual Change in the Warring States and Han (481 BCE–220 CE)\nA Critical
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Cultural History of China – Early China II: Religious Transformation in the Period of Division (220–589 CE) \nA Critical Cultural History of China – Modern China I: Religion and Thought in the Song, Jin, and Yuan (960–1368) (To be launched in late 2018)\nA Critical Cultural History of China – Modern China II: Structuring Values (1850–2015) (To be launched in late 2018)",
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{
"FIELD1": 392,
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"description": "What is fluid-solid interactions ? It is what happens when the motions of a fluid and of a solid are somehow coupled. This happens all the time, around you when leaves flutter in the wind, inside you when your heart beats, above you when wings of a plane vibrate, under the sea... The idea behind this MOOC is to give you the basic tools to be able to predict and eventually mitigate things called flutter, galloping, sloshing, vortex-induced vibrations, added mass, to cite a few. \n\nWe are going to consider any possible domains of applications such as civil engineering, aerospace engineering, nuclear engineering , ocean engineering, biomechanics and even food processing !\n\nThis is why we called the course "Fundamentals of Fluid Solid Interactions ". There are so many phenomena and so many models that we need to work together on the basic mechanisms .\n\nIf you want to see how fluid-solid interactions work, and be able to use that knowledge, join us !\n\nA first session of the course was run in early 2016, with learners from over 100 countries. It is now available with subtitles, in English and now in Chinese.\n\nSee the video at <http://goo.gl/YKSMnD>",
"id": "At1XB0AAEeWoTg63tTECEQ",
"slug": "fluid-solid-interaction",
"instructorIds": "[10512813, '15630275', '12595344']",
"specializations": "[]",
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"name": "Fundamentals of Fluid-Solid Interactions"
,
{
"FIELD1": 393,
"courseType": "v2.ondemand",
"description": "What happens when creativity and science come together? The power to design our world is unleashed, providing tools to inform choices about how we live! Geodesign is the glue—it's a process that deploys creativity to connect information to people, using collaboration to better inform how we design our world.\n\nThis course includes well-illustrated lectures by the instructor, but also guest lectures each week to ensure you are hearing a variety of viewpoints. Each week you will also be able to examine what geodesign is through interactive mapping that showcases real-word Case Study examples of geodesign from around the globe. As you move along in the course, you will discover the interrelationships of both the physical and human aspects that contribute to how geodesign strategies are composed. The course concludes with you outlining your own Geodesign Challenge, and receiving feedback about that from your peers.",
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"specializations": "[]",
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"name": "Geodesign: Change Your World"
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"description": "System Validation is the field that studies the fundamentals of system communication and information processing. It allows automated analysis based on behavioural models of a system to see if a system works correctly. We want to guarantee that the systems does exactly what it is supposed to do. The techniques put forward in system validation allow to prove the absence of errors. It allows to design embedded system behaviour that is structurally sound and as a side effect enforces you to make the behaviour simple and insightful. This means that the systems are not only behaving correctly, but are also much easier to maintain and adapt. 'Modeling Software Protocols, and other behaviour' demonstrates the power of formal methods in software modelling,

communication protocols, and other examples. Reading material. J.F. Groote and M.R. Mousavi. Modeling and analysis of communicating systems. The MIT Press, 2014.",

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    "id": "Kd0vri-GEeWl3A7Kuc0JCQ",
    "slug": "system-validation-software-protocols",
    "instructorIds": "[10163079]",
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"FIELD1": 395,
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 "description": "In this course, you will learn how to create a shared vision for your team and effectively communicate it to your teammates. You will also learn how to set effective goals and expectations in a way that best enables your team to attain the shared vision. Finally, you will understand the most important needs and drivers of performance across cultures, and will learn to align rewards with desired behaviors so that your teammates are motivated to attain the team's objectives. \n\nMotivation represents a crucial challenge for contemporary organizations: A recent Gallup poll revealed that only 13% of workers worldwide exhibit high levels of engagement and motivation. We will show you why these motivation problems are not simply due to a \"bad\" or \"unmotivated\" team member. Rather, motivation is very much driven by what work conditions we create for our teammates, how we structure goals and objectives, and how we reward people for the accomplishment of those goals. This course will help you diagnose and solve motivation problems so that you can bring out the best in your people.",

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"FIELD1": 398,
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 "instructorIds": "['6387318', '12674108', '6387549', '6387496', '12674695',
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 "description": ">>> En vous inscrivant à ce cours, vous vous engagez à respecter les Conditions d'utilisation de Qwiklabs, telles que définies dans les questions fréquentes et disponibles à l'adresse : [<<<\n\nCe](https://qwiklabs.com/terms_of_service) cours vous propose de découvrir des services qui améliorent l'évolutivité et la gestion des applications basées sur GCP. Vous y utiliserez des services tels que Google Cloud Pub/Sub et Google Cloud Functions, qui permettent de booster l'efficacité des applications. Vous y apprendrez aussi à utiliser des conteneurs sur GCP. Le cours se termine par un tour d'horizon de la spécialisation.\n\nPrérequis : \nPour tirer pleinement parti de ce cours, les participants doivent remplir les conditions suivantes :\n• Avoir suivi le cours Google Cloud Platform Fundamentals (Core Infrastructure ou AWS Professionals) ou disposer d'une expérience équivalente\n• Avoir suivi le cours Essential Cloud Infrastructure: Foundation ou disposer d'une expérience équivalente\n• Avoir suivi le cours Essential Cloud Infrastructure: Core Services ou disposer d'une expérience équivalente\n• Avoir suivi le cours Elastic Cloud Infrastructure: Scaling and Automation ou disposer d'une expérience équivalente\n• Maîtriser les principes de base des outils de ligne de commande et du système d'exploitation Linux\n• Disposer d'une expérience dans le domaine de l'exploitation de systèmes, y compris en déploiement et en gestion d'applications, sur site ou dans un environnement de cloud public",
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  "description": ">>> このコースに登録すると、よくある質問に記載されているとおり Qwiklabs の利用規約 (https://qwiklabs.com/terms\_of\_service) に同意したことになります。<<<\n\nこのコースでは、GCP で構築されたアプリケーションに提供されるスケーラビリティと保守性を向上させるためのサービスについて学習します。こうしたサービスは Google Cloud Pub/Sub や Google Cloud Functions などのサービスと連携し、アプリケーションの効率性をさらに高めます。また、GCP のコンテナの利用についても学習します。最後にこの専門講座の復習を行います。\\n\\n受講条件:\\n\\nこのコースを最大限に活用するためには、次の条件を満たしている必要があります。
\\n\\n• Google Cloud Platform Fundamentals (Core Infrastructure または AWS Professionals) を修了しているか、同等の経験がある\\n• Essential Cloud Infrastructure:Foundation を修了しているか、同等の経験がある\\n• Essential Cloud Infrastructure:Core Services を修了しているか、同等の経験がある\\n• Essential Cloud Infrastructure:Scaling and Automation を修了しているか、同等の経験がある\\n• コマンドライン ツールと Linux オペレーティング システム環境の基礎を習熟している\\n• システム運用の経験がある（オンプレミスまたはパブリック クラウド環境でのアプリケーションのデプロイや管理を含む）",
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  "specializations": "[ ]",
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  "name": "Elastic Cloud Infrastructure: Containers and Services 日本語版"
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    "description": "課程介紹與教學目標 (About the course)\n    房屋為我們遮風避雨，讓我們安心工作、生活，而結構系統又是房屋的骨幹，讓房屋能站的又高、又直、又穩。你知道橫者為梁，直者為柱，但你知道在結構工程師的眼中，梁與柱有什麼其他的不同嗎？他們其中藏著什麼秘密，能支撐起整個結構？工程師要怎麼決定梁該有多深？柱該有多粗？該用矩形、圓形還是其他形狀？該用實心還是空心？在有地震的地方，設計上是否又有不一樣的考量？\n    材料力學是通往上述問題解答關鍵的一步。在材料力學(一)裡，我們會由大家熟知的虎克定律開始，以蓋房子的重要材料「結構鋼」為例，深入探討「力量」與「變形」這兩個令結構工程師愛恨交加的物理量之間的關係。然後依序探討結構桿件受軸力（拉/壓）、受扭、受彎、受剪四大外力作用下，會在桿件內部產生怎樣的相對應變形與受力，並探討建築結構設計概念與提供桿件設計演算範例。\n    本課程是希望精通「鋼筋混凝土設計」、「鋼結構設計」、「木構造設計」者必備的先修課程，也為對「彈性力學」有興趣者，提供許多基礎知識與這些知識如何實際應用於工程設計。主要授課對象為土木、建築相關從業人員與在學學生，其他包括工學院各科系同學或對材料力學有興趣的人士，也歡迎選修。\\n\\n授課形式 (Course format)\n    本堂課將以影片的形式為主，搭配課後作業及期末報告的形式來進行。\\n\\n修課背景要求 (Recommended background)\n    靜力學 ( Statics )",
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"description": "Successful contemporary business relies on the ability of all its employees to be creative. Creativity can be developed and refined, albeit with effort and practice. The first goal of this course is to provide a variety of experiences and activities with the aim of developing the creative abilities of each participant. A second goal is to understand the importance of creativity from a consumer perspective. Consumers are being offered more and more opportunities to customize their products and"
}
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services, and are increasingly seeking to express their creativity through their purchasing choices. As entrepreneurs, we have the ability to shape the consumer environment in ways that help consumers enhance their own creative abilities, and develop a unique relationship with them as a result.\n\nThis course is aimed at anyone who wants to understand what we actually know (as opposed to what we think we know) about human creativity, and how to use this knowledge to think differently and productively about business challenges. As the focus is on creativity as a cognitive function, it does not matter what your background is, what industry you come from or want to enter. \n\nAfter completing this course, past students report having acquired a set of strategies that enable them to tackle business problems with a fresh perspective.\n\nThis course is part of the HEC Paris MSc in Innovation and Entrepreneurship. If you are admitted to the full program, your coursework will count towards your degree program",

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  "id": "oaeb_GhiEeiWWA7RoN08_g",
  "slug": "mandarin-chinese-intermediate-learners-1",
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{
  "FIELD1": 416,
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  "description": "Learn more about knowledge exchange and how to use, protect and monetize your knowledge while working with various partners. \n\nInterested in increasing the impact of your knowledge on society? This course is for those who are new to how knowledge is transferred from yourself or from a knowledge institute into society at large. It is for those who want to know how to protect their knowledge, how to approach parties for collaboration, and how to find the right funding for your idea. It is for those who want to start thinking about how knowledge exchange might be useful in their business or academic career. It provides an introduction to one of the basics of knowledge exchange, the stakeholders involved and the most common pitfalls on your way to transform our world with your ideas!\n\nAbout the course lecturers\nEach week a different expert in his or her field will shed light on a different aspect within knowledge exchange. In addition, each module contains an interview with a Leiden academic who will share his or her practical experience concerning that week's subject. Each module is introduced and concluded by the course leader, Professor Gert-Jan van Ommen, former head of the Department of Human Genetics of Leiden University Medical Center. \n\nAbout
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Luris\nThis course was developed by Luris, in cooperation with Leiden University and Leiden University Medical Center (LUMC). As knowledge exchange office, Luris matches societal needs with possibilities available in Leiden and enhances the impact of novel technologies and knowledge from Leiden University and LUMC. Luris establishes valuable partnerships and represents the interests of academics and research teams.",

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"description": "Learners discover how apply to research methods to their study of Positive Psychology. In this course, we study with Dr. Angela Duckworth and Dr. Claire Robertson-Kraft. Through an exploration their work \"True Grit\" and interviews with researchers and practitioners, you develop a research hypothesis and learn how to understand the difference between internal and external validity. You also begin to understand and apply the strengths and weaknesses associated with different types of measurements and evaluation designs. You then interpret the results in an empirical study. Suggested prerequisites: Positive Psychology: Martin E. P. Seligman's Visionary Science and Positive Psychology: Applications and Interventions.",
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"name": "Positive Psychology: Character, Grit and Research Methods"

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"description": "This course highlights the importance and role of software product management. It also provides an overview of the specialization, as well as its goals, structure, and expectations. The course explains the value of process, requirements, planning, and monitoring in producing better software.",
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"slug": "introduction-to-software-product-management",
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"FIELD1": 419,
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"description": "La computación evolutiva (evolutionary computation, EC), aplica la teoría de la evolución natural y la genética en la adaptación evolutiva de estructuras computacionales, proporcionando un medio alternativo para atacar problemas complejos en diversas áreas, como la ingeniería, economía, química, medicina y, porque no, las artes. Una población de posibles soluciones de un problema dado es análoga a una población de organismos vivos que evolucionan cada generación, al recombinar los mejores individuos de la población y transmitir sus características de dichos individuos padres, a sus descendientes. En este campo, diferentes esquemas de métodos evolutivos se han desarrollado, los cuales difieren en el tipo de estructuras que conforman la población.\nAlgoritmos evolutivos (AE), como también se le conoce al cómputo evolutivo (EC), se definen como métodos de optimización y búsqueda, los cuales están inspirados y tratan de imitar de manera parcial los procesos de la evolución natural, y mantienen una población de estructuras que evolucionan de acuerdo a reglas de selección y otros operadores genéticos, como cruzamiento y mutación (Bäck, 1996).\nLos algoritmos evolutivos no son los únicos métodos de optimización propuestos a partir de sistemas biológicos. Se tiene una variedad de algoritmos de optimización, que tratan de imitar el comportamiento de sistemas naturales, como las colonias de hormigas, algoritmos culturales y optimización por cúmulos de partículas, entre otros. De aquí surge lo que se conoce como algoritmos bioinspirados, ya que toman sus bases a partir de la estructura de procesos y sistemas biológicos: la evolución, la selección natural, comportamiento social

de animales, como las hormigas, abejas, peces.\n\nBÄCK, T. (1996) Evolutionary Algorithms in Theory and Practice. Oxford University Press. DARWIN, C. (1859) On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life, John Murray.",

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\n\nCourse Learning Objectives\n\nBy the end of the course, learners should be able to:\n• Articulate key public health concepts related to global health;\n• Analyze the key issues in global health from a number of perspectives;\n• Discuss with confidence the burden of disease in various regions of the world; how it varies by sex, age, and location; key risk factors for this burden; and how the disease burden can be addressed in cost-effective ways;\n• Assess key health disparities, especially as they relate to the health of low-income and marginalized people in low- and middle-income countries;\n• Outline the key actors and organizations in global health and the manner in which they cooperate to address critical global health concerns;\n• Review key global health challenges that are likely to arise in the coming decades.\n\n-----

-----\n\nValue Added of the Course\n\nThe course seeks to add special value by being comprehensive, by handling each topic in a consistent framework, and by helping learners gain an understanding of well grounded approaches to assessing global health issues and what can be done to address them.\n\n-----

-----\n\nThe Readings and other materials for Essentials of Global Health\n\nFor almost every session of Essentials of Global Health, you will see:\n- Required readings\n- Recommended readings\n- Recommended videos\n\nWe have selected a small number of readings for each session that are central to understanding the content of the session. We have put these under "required readings".\n\nFor each required reading, we have also indicated how carefully you should read the material and on what parts of the material you should focus your attention.\n\nIn addition, we have selected some additional readings that would be very helpful to your understanding the content of each session. The first is a textbook, Global Health 101, third edition. This is a comprehensive introductory textbook that closely follows the content of this Essentials of Global Health course. We have indicated for each session what part of the book you should read. Using this textbook can be very valuable to your mastering the content of the course.\n\nThe second set of "recommended readings" is some additional readings, mostly from journal articles and reports. For these, too, we have indicated how carefully you should read the material and on what parts of the material you should focus your attention.\n\nLearners should note that to access articles from The Lancet they will have to register with The Lancet, if they do not have online access to a library that has The Lancet. Once they are registered, they will be able to sign into The Lancet and access all of its free articles.\n\nWe have also indicated for most sessions one or two videos that relate to the topic of the session. These are meant to help the learner get a better feel for the topic which is being covered. Most learners will find the videos brief, easy and enjoyable to watch, and very enlightening.",

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  "specializations": "[]",
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  "description": "What makes for a great user experience? How can you consistently design experiences that work well, are easy to use and people want to use? This course will teach you the core process of experience design and how to effectively evaluate your work with the people for whom you are designing. You'll learn fundamental methods of design research that will enable you to effectively understand people, the sequences of their actions, and the context in which they work. Through the assignments, you'll learn practical techniques for making sense of what you see and transform your observations into meaningful actionable insights and unique opportunity areas for design. You'll also explore how to generate ideas in response to the opportunities identified and learn methods for making your ideas tangible. By answering specific questions and refining your concepts, you'll move closer to making your ideas real. We'll use cases from a variety of industries including health, education, transportation, finance, and beyond to illustrate how these methods work across different domains. \n\nGood luck and we hope you enjoy the course!",
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  "specializations": "[]",
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  "name": "Literacy Teaching and Learning: Aims, Approaches and Pedagogies"
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  "description": "The majority of businesses say they want to become more global. And business leaders say that the lack of people with global intelligence is the key constraint holding them back. This course will address both gaps – at the business and the personal level, it will focus on practical strategies for dealing with the real consequences of globalization.",
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"description": "Market Research is a growing and important field that is used in many industries around the world. Given all the data that is collected whether by organizations, industries, social media, governments, etc., it's important that someone can review and sift through all the noise to provide valuable insights. And that's where you come in as a market researcher. This course will only scratch the surface and provide you a foundational understanding of this field.\n\nIn this course, you will be able to define market research and identify some tools used in the industry. You will be able to discuss the importance of secondary and internal research in terms of the planning process. You will be able to define what primary research is and identify the various ways to conduct primary research. You will be able to focus on an actual research plan or proposal for your peer review project. You will be able to compose a response to a request for a proposal or research plan and be able to address the various components of the proposal and package it in a professional manner.",
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"description": "This course introduces a set of public health problems experienced by people affected by natural disasters and/or conflict. It discusses the many changes in people's lives when they are uprooted by a disaster, ranging from changes in disease patterns, access to health care, livelihoods, shelter, sanitary conditions, nutritional status, etc. \n\nWe will explore what humanitarian interventions could look like if we want to mitigate the effects of disasters. The course content is a mix of theoretical knowledge and many practical examples from recent disasters. We think this course is unique because it contains so many practical 'real-life' examples and is taught by instructors and guest lecturers who together have over 200 years of experience in this field.\n\nThe course consists of 10 modules totaling approximately 9-10 hours of delivered content with an additional 2-3 hours of self-work (quizzes and writing and evaluating a short peer-review assignment) as well as lively discussions forums. \n\nThe course has been designed in a way that each module builds on the lessons of previous modules. However, modules can be accessed in any order and some can stand alone.\n\nYou do not have to pay for this course if you choose to enroll without a certificate. Sometimes referred to as auditing, enrolling without a certificate means that you will have access to all of the videos, quizzes, assignments, and discussions. The only difference is that you will not receive a certificate upon completion. Click the Enroll Without A Certificate link to sign up and begin the course.\n\nEven if you enroll in a session that has yet to begin, you may access most of the course materials right away by clicking the Preview Course Materials link. However, you will have to wait for the session to begin before posting on the discussion forum or accessing the final peer-reviewed assessment. Visit the Learner Help Center for details about session schedules.",
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  אחד היה משה אך רבינו\b\n\bפנינו. החל בගפו של המקרא וಹמשך בספרות עם ישראל לדורותיו (ספרות הבית השני, ספרות חז"ב, פרשני ימי הביניים ועוד) וכלה בספרות, באמנות ובഹגות של העת החדשה – לובשת ופושט דמותו של משה צורות חדשות ומגוונות, על פי המתבונן, זמן, מגמתו ואופיו יצירתיו. הקורס יעקב אחר גלגוליו דמיותיו של משה [ביצירה שעד ראשית תקופת הגאוןים] ויבקש להבינו מה עומד מאחורי יצירתו."
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  "instructorIds": "[ '17159723', '17235569' ]",
  "specializations": "[ ]",
  "partnerIds": "[ '24' ]",
  "name": "Moses' Face: Moses' images as reflected in Jewish literature"
},
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  "description": "What you'll achieve:\nIn this project-centered course* you will build a modern computer system, from the ground up. We'll divide this fascinating journey into six hands-on projects that will take you from constructing elementary logic gates all the way through creating a fully functioning general purpose computer. In the process, you will learn – in the most direct and constructive way – how computers work, and how they are designed.\n\nWhat you'll need:\nThis is a self-contained course: all the knowledge necessary to succeed in the course and build the computer system will be given as part of the learning experience. Therefore, we assume no previous computer science or engineering knowledge, and all learners are welcome aboard. You will need no physical materials, since you will build the computer on your own PC, using a software-based hardware simulator, just like real computers are designed by computer engineers in the field. The hardware simulator, as well as other software tools, will be supplied freely after you enroll in the course.\n\nCourse format:\nThe course consists of six modules, each comprising a series of video lectures, and a project. You will need about 2–3 hours to watch each module's lectures, and about 5–10 hours to complete each one of the six projects. The course can be completed in six weeks, but you are welcome to take it at your own pace. You can watch a TED talk about this course by Googling \"nand2tetris TED talk\".\n\n*About Project-Centered Courses: Project-centered courses are designed to help you complete a personally meaningful real-world project, with your instructor and a community of learners with similar goals providing guidance and suggestions along the way. By actively applying new concepts as you learn, you'll master the course content more efficiently; you'll also get a head start on using the skills you gain to make positive changes in your life and career. When you complete the course, you'll have a finished project that you'll be proud to use and share.",
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  "name": "Build a Modern Computer from First Principles: From Nand to Tetris (Project-Centered Course)"
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}
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WebGL. \n\nThis is an advanced-level course, intended for industry game developers or very experienced Unity enthusiasts who are looking to “level-up” their gameplay programming and implementation strategies. To succeed in this courses, you should have at least 2-3 years of experience developing games with Unity. You should be familiar with the full-game lifecycle (working from early concept to launch), creating and working with Prefabs, understanding game asset and animation pipelines, and have some experience with Unity Services. You should also have advanced programming skills, particularly in the C# language.",

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strategies to increase resilience and move towards a low-carbon future. You will have the opportunity to explore these issues in depth and tailor your learning experience for one or more of the following regions:

- Latin America and Caribbean
- Sub-Saharan Africa
- Middle East and North Africa
- Eastern Europe and Central Asia
- East Asia and Pacific
- South Asia

In this endeavor, the MOOC brings together renowned scientists and policymakers to provide a synthesis of the most recent scientific evidence on climate change, regional low emissions and climate resilient development strategies across sectors. A team of expert Instructors will lead discussions around the Paris Agreement, reflections from COP22 and the progress on Nationally Determined Contributions (NDCs).

Course Syllabus

Week 1: Climate Change in the 21st Century

- Historical and projected observed changes in the climate system, leading up to the end of the 21st century
- The potential of Intended Nationally Determined Contributions (INDCs) submitted at COP 21 from 187 countries to induce climate action
- Trends in climate change impacts, including loss of Arctic sea ice, melting glaciers, increased heat waves and extreme temperatures, and drought and aridity
- Possible responses from natural systems, explaining how warming could result in sea-level rise, heat waves and extreme temperatures, and ocean acidification

Week 2: Sectoral and Regional Impacts

- Impacts on key development sectors—from warming above pre-industrial temperatures and projected climate trends—across each of the world's regions
- Sectoral impacts focusing on agricultural production, water resources, ecosystem services, and coastal vulnerability for affected populations
- Importance of risks with the potential to reverse hard-won development gains and potentially trap millions in poverty, illustrating the need for urgent action now

Week 3: From Science to Action on Climate Change

- Region-specific discussions on mitigation actions needed to reduce emissions while decreasing vulnerability to climate change impacts through adaptation and by building climate resilience
- Perspectives from regional experts on their experiences in strategies and actions proposed in each region to help transition towards a low-emissions, climate-resilient development path
- Discussions on the progress of the Nationally Determined Contributions (NDCs), outcomes of the Paris Agreement and reflections from the Conference of Parties (COP)22

Week 4: What You Can Do

- Transformative impact of day-to-day changes when brought to a global scale
- The rationale for acting now, acting together and acting differently
- Examples and expected benefits of mitigation and adaptation policies, considering both contributions to global emission reductions and local development opportunities
- In addition to the core resources and assignments, you may choose to go further, engaging in fun optional exercises, networking, discussion, and diving deeper into our rich selection of supplemental resources.
- You will have the opportunity to explore these issues in depth and tailor your learning experience for one or more of the following regions:

 - Latin America and Caribbean
 - Sub-Saharan Africa
 - Middle East and North Africa
 - Eastern Europe and Central Asia
 - East Asia and Pacific
 - South Asia

Course Format

This MOOC has a week-by-week structure, with resources, activities and exercises for you to engage in during each of the four weeks of the course. Each week, you will find a variety of course material, including:

- Interactive video talks by renowned climate scientists and practitioners
- Interactive tools: the Carbon Footprint Tracker, (I) NDC platform
- Resources: Core, optional (deep dive) and fun interactives on the week's theme
- Quizzes that check your knowledge, reinforce the lesson's material and provide immediate feedback
- Assignments that will sharpen your skills of analysis, reflection and communication
- Discussion forums and social media that enable collaboration with others from around the world, enriching interaction among participants
- As a final project, you will create a digital artifact

You can also go much further than this, engaging in optional exercises, networking, or discussion forums and dive deeper into our rich selection of additional resources. We also will use e-discussions, and other tools to facilitate dialogue between the learners and experts.

Recommended Background: No background knowledge is necessary. The content of this course is designed to be accessible to students from any discipline.

Connect: Communicate and share resources via Twitter using hashtag #learnclimate. Sign up for a free account at <http://twitter.com>,

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  "partnerIds": "[ '458', '117' ]",
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}
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typical cloud infrastructure setups to how to manage cloud resources. You'll also learn how to manage and configure servers and how to use industry tools to manage computers, user information, and user productivity. Finally, you'll learn how to recover your organization's IT infrastructure in the event of a disaster.\n\nBy the end of this course you'll be able to:\n• utilize best practices for choosing hardware, vendors, and services for your organization.\n• understand how the most common infrastructure services that keep an organization running work, and how to manage infrastructure servers.\n• understand how to make the most of the cloud for your organization.\n• manage an organization's computers and users using the directory services, Active Directory, and OpenLDAP.\n• choose and manage the tools that your organization will use.\n• backup your organization's data and know how to recover your IT infrastructure in the case of a disaster.\n• utilize systems administration knowledge to plan and improve processes for IT environments.",

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 "description": "Une démarche de reporting extra-financier ne se limite pas à la production contraignante et fastidieuse d'un rapport de 300 pages. Même s'il est vrai que ce rapport est devenu obligatoire pour beaucoup d'entreprises, le reporting extra-financier est avant tout une occasion d'aller à la rencontre de ses parties prenantes pour comprendre les effets de ses activités dans leur globalité et pour mieux les gérer, d'une façon plus responsable aux plans social et environnemental mais aussi plus durable économiquement. Voir plus loin que la loi et faire de cette démarche un levier de performance, est bénéfique pour toute l'entreprise !\n\nL'originalité de ce MOOC ? Nous vous proposons une expérience d'apprentissage très riche basée à la fois sur l'expertise de spécialistes du sujet et sur l'expérience d'une quinzaine d'entreprises qui partageront avec vous leur expérience du sujet. Vous retrouverez notamment à chaque épisode les directrices RSE de L'Oréal, Eurazéo et Atos et un expert de l'équipe Développement durable de Deloitte, le partenaire de ce MOOC.\n\nQue vous soyez un étudiant soucieux d'acquérir un socle solide de connaissances sur le sujet, un salarié d'entreprise désireux de mieux dialoguer avec l'équipe RSE, ou tout simplement un citoyen convaincu que les enjeux RSE sont au cœur des modèles de développement à venir, ce MOOC est pour vous !\n\nBienvenue à tous et bon parcours !\n\nThierry Sibieude et l'équipe pédagogique",

```
        "id": "3x9UKw40EeeYSwoRrxflRA",
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        "instructorIds": "[12799868]",
        "specializations": "[]",
        "partnerIds": "[223]",
        "name": "Reporting extra-financier et stratégie RSE"
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},
{
 "FIELD1": 450,
 "courseType": "v2.ondemand",
 "description": "Globalization has brought dramatic changes to the marketplace. A proliferation of global brands brings diverse cultures to a consumer population that is also growing culturally diverse. This course enables students to understand how globalization changes consumers at a psychological level, and provides tools for imbuing brands with cultural meanings—creating iconic brands—that can resonate with global consumers. The focus is on understanding that culture exists in the mind (e.g., values and beliefs) as well as in the environment (e.g., objects, brands, and institutions), and that globalization creates multi-cultural spaces in contemporary societies. Consumers can use the cultural meaning of a brand to build their identities (i.e., assimilate the brand cultural symbolism) or reject the brand's cultural meaning(s) (i.e., exclusionary reactions).\n\nThe course will help students identify when assimilation vs. exclusionary reactions are more likely to occur, as well as devise strategies for imbuing brands with cultural meanings that can elevate them to the status of cultural icons.\n\nUpon successful completion of this course, you will be able to:\n• Understand how globalization impacts the psychological responses of consumers in global markets\n• Understand what culture is and how it manifests itself\n• Understand how brands acquire cultural meanings\n• Predict consumers' responses to the cultural meanings in brands\n• Identify strategies to win-over multi-cultural consumers in globalized

markets \n•\tLearn how to build an iconic brand\n\nThis course is part of the iMBA offered by the University of Illinois, a flexible, fully-accredited online MBA at an incredibly competitive price. For more information, please see the Resource page in this course and [onlinemba.illinois.edu](#).",

"id": "4nKsdN83Eea3uhKgRSNY-g",
"slug": "cultural-psychology-globalization",
"instructorIds": "[22582221]",
"specializations": "[]",
"partnerIds": "[17]",
"name": "Global Impact: Cultural Psychology"
,
{
"FIELD1": 451,
"courseType": "v2.ondemand",
"description": "It used to be the case that everyone viewed webpages on about the same size screen. But with the explosion of the use of smartphones to access the Internet, the landscape of design has completely changed. People viewing your site will now expect that it will perform regardless of the platform (smartphone, tablet, laptop, or desktop computer). This ability to respond to any platform is called responsive design.\n\nThis course will expand upon the basic knowledge of CSS3 to include topics such as wireframes, fluid design, media queries, and the use of existing styling paradigms such as Bootstrap. After the course, learners will be able to:\n** Explain the mobile-first paradigm and the importance of wireframes in the design phase\n** Create sites that behave across a range of platforms\n** Utilize existing design frameworks such as Bootstrap\n\nThis is the fourth course in the Web Design For Everybody specialization. A basic understanding of HTML and CSS is expected when you enroll in this class. Additional courses focus on adding interactivity with the JavaScript Programming Language and completing a capstone project.",
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"slug": "responsivedesign",
"instructorIds": "['14130305', '122340']",
"specializations": "[]",
"partnerIds": "[3]",
"name": "Advanced Styling with Responsive Design"
,
{
"FIELD1": 452,
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"description": "Deep learning added a huge boost to the already rapidly developing field of computer vision. With deep learning, a lot of new applications of computer vision techniques have been introduced and are now becoming parts of our everyday lives. These include face recognition and indexing, photo stylization or machine vision in self-driving cars. \nThe goal of this course is to introduce students to computer vision, starting from basics and then turning to more modern deep learning models. We will cover both image and video recognition, including image classification and annotation, object recognition and image search, various object detection techniques, motion estimation, object tracking in video, human action recognition, and finally image stylization, editing and new image generation. In course project, students will learn how to build face recognition and manipulation system to understand the internal mechanics of this technology, probably the most renown and oftenly demonstrated in movies and TV-shows example of computer vision and AI.",
"id": "bkBQ-oNfEeenGxKE05UIKA",
"slug": "deep-learning-in-computer-vision",
"instructorIds": "[16329891, '153114']",
"specializations": "[]",
"partnerIds": "[160]",
"name": "Deep Learning in Computer Vision"
,
{
"FIELD1": 453,
"courseType": "v2.ondemand",
"description": "Основная цель этого курса – научить идиомам языка C++, то есть показать, как с помощью различных возможностей языка создавать элегантные, эффективные и надёжные блоки кода. В совокупности со знаниями, полученными на «Красном пояссе», это позволит вам создавать не только быстрые и легко поддерживаемые программы. \n\nКроме того, будут освещены темы, которые не поместились в объём предыдущих курсов: пространства имён и эффективное использование ассоциативных контейнеров.",
"id": "0jkatqloEeecJQoI0GzQzg",
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"instructorIds": "[24961925', '20871608', '224484', '4194517', '37406246']",
"specializations": "[]",
"partnerIds": "[176', '468']",
"name": "Основы разработки на C++: коричневый пояс"
},
{
  "FIELD1": 454,
  "courseType": "v2.ondemand",
  "description": "This class is the chance to create your personal essay or extend into a full memoir -- from planning and structure to bold narrative brushstrokes to the layering of significant detail. You will develop the opportunity to find your voice and see it come alive, amplified and improved, on the page. This is the chance to tell your story in a way that invites readers in; your story, written to be read. The memoir and personal essay are two of the best-selling and most universally acclaimed genres in the world of modern creative writing. Welcome to your story.",
  "id": "o0oBbJmUEeigcQ6ACV18LA",
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  "instructorIds": "[17099594']",
  "specializations": "[]",
  "partnerIds": "[34']",
  "name": "Writing a Personal Essay"
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{
  "FIELD1": 455,
  "courseType": "v2.ondemand",
  "description": "The Code Free Data Science class is designed for learners seeking to gain or expand their knowledge in the area of Data Science. Participants will receive the basic training in effective predictive analytic approaches accompanying the growing discipline of Data Science without any programming requirements. Machine Learning methods will be presented by utilizing the KNIME Analytics Platform to discover patterns and relationships in data. Predicting future trends and behaviors allows for proactive, data-driven decisions. During the class learners will acquire new skills to apply predictive algorithms to real data, evaluate, validate and interpret the results without any pre requisites for any kind of programming. Participants will gain the essential skills to design, build, verify and test predictive models. \nYou Will Learn\n• How to design Data Science workflows without any programming involved\n• Essential Data Science skills to design, build, test and evaluate predictive models\n• Data Manipulation, preparation and Classification and clustering methods\n• Ways to apply Data Science algorithms to real data and evaluate and interpret the results",
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  "slug": "code-free-data-science",
  "instructorIds": "[4972118']",
  "specializations": "[]",
  "partnerIds": "[53']",
  "name": "Code Free Data Science"
},
{
  "FIELD1": 456,
  "courseType": "v2.ondemand",
  "description": "This course will prepare you to complete all parts of the Clinical Data Science Specialization. In this course you will learn how clinical data are generated, the format of these data, and the ethical and legal restrictions on these data. You will also learn enough SQL and R programming skills to be able to complete the entire Specialization – even if you are a beginner programmer. While you are taking this course you will have access to an actual clinical data set and a free, online computational environment for data science hosted by our Industry Partner Google Cloud. \n\nAt the end of this course you will be prepared to embark on your clinical data science education journey, learning how to take data created by the healthcare system and improve the health of tomorrow's patients.",
  "id": "isEnBWBZEEi8GhK6J8TCMg",
  "slug": "introduction-clinical-data-science",
  "instructorIds": "[33019892']",
  "specializations": "[]",
  "partnerIds": "[126']",
  "name": "Introduction to Clinical Data Science"
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  "FIELD1": 457,
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```

"description": "In your previous 2 courses, you learned some medical interventions and skills to keep newborns healthy in the days and weeks after they have been born. In this course, you will learn some key things that parents will need to do to keep their babies safe and healthy. The Guidance to Keep Newborn Babies Safe and Healthy Course will teach you best practices for how your baby will spend most of their day: eating, sleeping, and sometimes crying. Parents need to understand how to optimize nutrition, how to create a safe and happy sleep environment, how to safely transport their baby in their car, and how to respond to their baby's crying. \n \nA newborn baby is an amazing beautiful life filled with hope. There is so much that goes into making sure that babies are born healthy, and so much more to think about after they are born. Whether you are in the health care field, or even a parent, this course is the perfect educational opportunity for you to keep newborn babies healthy in the days and weeks after they are born!",

 "id": "HTR8EG0BEeiNugquZebGCg",
 "slug": "keeping-newborn-baby-safe-healthy",
 "instructorIds": "['38024877', '38049825', '4700420']",
 "specializations": "[]",
 "partnerIds": "['126']",
 "name": "Guidance to Keep Newborn Babies Safe and Healthy"

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 "FIELD1": 458,
 "courseType": "v2.ondemand",
 "description": "This class deals with the business law topics that appear on the CPA exam: Agency, Contracts, Debtor-Creditor Relationships, Government Regulation of Business, and Business Organizations. Students will gain an understanding of how these areas of the law affect businesses and their operations, with an eye on preparation for the business law portions of the REG section of the CPA exam. By the end of the class, students will be able to identify the legal principles that govern various business situations and apply those principles to an issue to determine the outcome when the law is applied to the facts of a scenario.",

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 "slug": "corporate-commercial-law-part1",
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 "specializations": "[]",
 "partnerIds": "['17']",
 "name": "Corporate & Commercial Law I: Contracts & Employment Law"

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 "FIELD1": 459,
 "courseType": "v2.capstone",
 "description": "This course is open to learners who have completed all eight courses on the Foundations of Teaching for Learning MOOC. It revisits topics covered and focuses on what it really means to be a reflective practitioner. One of the great paradoxes of learning is that the more you know the more you become aware of what you don't know... and the more you want to know! This course offers an opportunity to further deepen and broaden your professional expertise. It provides an opportunity to participate in practical tasks and assessments that draw on the knowledge and skills gained in the previous courses.\n\nIf you have completed the eight courses, signed up to the Signature track, met all the assessment requirements of the programme and would like to continue to build on your interest and achievements, this course is for you! There is enough challenge and scope for learners who already have teaching experience, but this course is also suitable for less experienced learners who may not have a great deal of teacher education or may not yet hold a teaching qualification.\n\nAnnouncement for US based teachers:\n\nCoursera and its partners are proud to offer eligible teachers in the US free Course Certificates for this course and other high-quality teacher professional development courses, through the Connected effort announced by President Obama.\n\nTo participate in this opportunity, US district leaders simply need to approve Coursera teacher professional development by completing a brief form at:

www.coursera.org/tpd.
US Teachers interested in this opportunity are also encouraged to follow the link to learn more and www.coursera.org/tpd. Once a district's form has been verified, the district leader will be notified and teachers in the district will receive access to free verified certificates for Coursera professional development.
Coursera and the Commonwealth Education Trust thank educators for the hard work they do every day and hope this opportunity will assist US teachers to continue developing their craft in a meaningful and flexible way.",

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{
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  "courseType": "v2.ondemand",
  "description": "This course is for users who want to learn how to write SAS programs to access, explore, prepare, and analyze data. It is the entry point to learning SAS programming for data science, machine learning, and artificial intelligence. It is a prerequisite to many other SAS courses.\n\nBy the end of this course, you will know how to use SAS Studio to write and submit SAS programs that access SAS, Microsoft Excel, and text data. You will know how to explore and validate data, prepare data by subsetting rows and computing new columns, analyze and report on data, export data and results to other formats, use SQL in SAS to query and join tables.\n\nPrerequisites:\nLearners should have experience using computer software. Specifically, you should be able to understand file structures and system commands on your operating systems and access data files on your operating systems. No prior SAS experience is needed.",
  "id": "Tx7bH4XkEeiLtQ4wBPSBfA",
  "slug": "sas-programming-basics",
  "instructorIds": "[['35624752']]",
  "specializations": "[]",
  "partnerIds": "[['520']]",
  "name": "Getting Started with SAS Programming"
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{
  "FIELD1": 461,
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  "description": "Intellectual property is the currency of the tech world, with the world's most valuable intellectual property assets dwarfing the value of their real-world counterparts. Apple's trademarked brand was valued at over $100 billion as of 2017. J.K. Rowling's Harry Potter franchise has generated over $25 billion to date. But how did the law come to create such enormous value in intangible assets?\n\nThis course will introduce the various types of U.S. intellectual property: patents, which cover inventions and process innovations; copyright, which protects original works of authorship; and trademarks, which protect a business' commercial identity as the source of valuable goods and services. You will then explore case studies of how global businesses have used intellectual property law to generate enormous value from these intangible assets.",
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  "specializations": "[]",
  "partnerIds": "[['6']]",
  "name": "Introduction to Intellectual Property"
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{
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  "description": "En este curso nos adentraremos en el terreno del hardware. Concretamente, aprenderemos a utilizar la placa de desarrollo de hardware de código abierto, llamada Arduino, enfocándonos en las aplicaciones que esta ofrece para la experimentación musical. De manera más específica, aprenderemos en este curso a construir nuestros propios generadores de sonido, y a partir de ello haremos instalaciones sonoras que nos permitirán expandir nuestra creatividad hacia el terreno de las cosas materiales, y ya no solo de los datos informáticos.",
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{
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  "description": "Teams are essential to the modern organization, but most never reach their potential. Co-workers miscommunicate, and groups struggle to adapt to changes in the market or their organizations. When teams lack self-awareness about these challenges, "
}
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performance suffers. Based on years of team culture research and consulting experience, this course helps you understand the problems that hurt productivity, and gives you tools for creating positive change. This course also guides you through creating the ground rules and structure needed to set your team up for success. \n\nYou gain the skills to diagnose issues such as conflicts, groupthink and lack of commitment in your team before they get out of control. The course offers frameworks to adjust team behaviors and get the best performance out of your people. You also understand frequent stumbling blocks for common team types, such as startups and virtual teams, and learn solutions tailored to each one.",

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"partnerIds": "[ '6' ]",
"name": "Building High-Performing Teams"
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},
{
"FIELD1": 464,
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"description": "Have you wondered what exactly AWS is and why is it important? Do you want to make informed design decisions about which services to use? Do you want to gain expertise to leverage the cloud for your own projects?\nIn this course, you will learn to interface with the AWS cloud. You will then develop software to send data to and receive data from the cloud. Along the way, you'll learn how to structure your project with a variety of these difference services.\n\nLearning Goals:
After completing this course, you will be able to:
1) Understand what the cloud is and how it works.
2) Install and configure the AWS CLI and SDK on a Linux system.
3) Use various AWS services such as EC2, IoT, and many more.
4) Build projects that heavily leverage the cloud.
5) Integrate the cloud into embedded systems.",

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"id": "XD-TddyuEeeWJRKNrJVcVg",
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"partnerIds": "[ '53' ]",
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},
{
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},
{
"FIELD1": 466,
"courseType": "v2.ondemand",
"description": "Congratulations on reaching the Capstone Class of the Become a Sustainable Business Change Agent specialization. The class will help you apply material from the previous three classes. We have developed a case about a hypothetical ski resort that offers lots of opportunities to develop sustainability recommendations. A second option is do develop a proposal for a change in your company or organization. Or you can do both the case and your own proposal. \n\nThe goal of the class is to have you practice the entire process from identifying a problem, finding a possible solution, doing analysis to determine the proposed change's financial and sustainability impacts, figure out who to present the proposal and what they need to see to say 'Yes' and develop a budget and implementation plan.\n\nIt is big assignment, but if you have gone through the material in the first three classes you should be well-equipped for the challenge.\n\nWe hope that the concepts and tools we have introduced will start you on your way to making positive changes in your company, organization, community and the world. We have provided just the most basic tolls. As you progress you will enhance your skills and become more effective. Best of luck on all you change endeavors.",

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"id": "tEzbaiGEeaZwBIdL0cDZg",
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"specializations": "[ ]",
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  "id": "iJakw7rhEeWfYA612mWHZw",
  "slug": "net-ruanjian-kaifa-biye",
  "instructorIds": "[ '9299119', '16120730' ]",
  "specializations": "[ ]",
  "partnerIds": "[ '234' ]",
  "name": ".Net平台下的软件开发技术毕业项目"
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{
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  "description": "The main goal of this course is to get the necessary knowledge on atmospheric and fluid dynamics in order to quantify the wind resource of a local or regional area. \\n\\nWe'll learn about basic meteorology, the specific dynamics of turbulent boundary layers and some standard techniques to estimate wind resources regardless of the type of turbine used or the level of efficiency achieved. Then, we will see what are the turbines characteristics to consider in order to estimate the electricity production from an isolated turbine or from a turbine farm. The differences and similarity between wind or marine resource assessment will also be discussed.\\n\\nFinally, you will have the opportunity to get hands-on experience with real in-situ data sets and apply what you have learned on wind resource assessment.",
  "id": "n0UxQJHMEeWxTA6NLywNHw",
  "slug": "wind-for-renewable-energies",
  "instructorIds": "[ '11918636', '25475293', '25434469', '25545354' ]",
  "specializations": "[ ]",
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  "name": "Wind resources for renewable energies"
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{
  "FIELD1": 469,
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  "description": "Todos negociamos diariamente. A nivel personal, negociamos con amigos, familia, propietarios, vendedores de autos y empleadores, entre otros. La negociación también es la clave del éxito comercial. Ninguna empresa puede sobrevivir sin contratos rentables. Dentro de una empresa, las habilidades de negociación lo pueden llevar a avanzar en su carrera. \\n\\nEn este curso, aprenderá y practicará los cuatro pasos necesarios para lograr una negociación exitosa, con un módulo para cada paso: \\n(1) Preparación: Planifique su estrategia de negociación \\n(2) Negociación: Use las tácticas claves para el éxito \\n(3) Cierre: Cree un contrato \\n(4) Cumplimiento y evaluación: El juego final \\n\\nPara completar exitosamente este curso y mejorar su capacidad de negociar, deberá completar los tres pasos siguientes: \\n(1) Mire los videos breves (que van de 5 a 20 minutos) de cada módulo. Los videos son interactivos e incluyen preguntas para evaluar su entendimiento de las estrategias y habilidades de negociación. Los videos se pueden acelerar o ralentizar para adaptarse al ritmo que prefiera escucharlos. Según sus horarios, puede ver los videos en unas semanas o verlos todos juntos. Un estudiante que vio el curso de una sola vez concluyó que \"es tan bueno como Breaking Bad\". \\n(2) Complete la negociación del Módulo 6 para evaluar sus capacidad de negociación. Puede negociar con un amigo local o usar los Debates para encontrar un socio de otra parte del mundo. Su socio de negociación le brindará una devolución sobre sus capacidad de negociación. En el camino, puede resultarle útil utilizar esta aplicación móvil gratuita que está relacionada con el curso y contiene varias herramientas de planificación de la negociación. http://negotiationplanner.com/ \\n(3) Tome el examen final. Para completar el curso exitosamente, debe responder correctamente el 80 % de las preguntas. Este examen es un examen de dominio, lo que significa que puede tomarlo las veces que quiera hasta que domine el material. \\n\\nAdemás, este curso incluye la opción de obtener un Certificado"
}
```

verificado (CV) a través de la verificación de su identidad y la finalización exitosa del curso. Un CV le proporciona un reconocimiento formal de sus logros en el curso e incluye el logo de la Universidad de Michigan. \n\nSi usted está considerando obtener un CV, debe completar el proceso de verificación antes de tomar el examen final. Puede elegir pagar los cargos asociados antes o después del examen. Para obtener más información acerca de los CV, visite: learner.coursera.help/hc/en-us/articles/201212399-Verified-Certificates \n\nEl logo compuesto del curso se comparte con una licencia Creative Commons CC BY-SA (<https://creativecommons.org/licenses/by-sa/2.0/>) y fue creado con las imágenes proporcionadas por cortesía de Flazingo Photos (<http://bit.ly/1z0ylRm>) y K2 Space (<https://www.flickr.com/photos/k2space/14257556613/in/set-72157644732478432>).\n\nThis is a translated version. To join the original English version, visit this page: <https://www.coursera.org/learn/negotiation-skills/>,

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"id": "DUIbAwrmEeWhsgqB1eduww",
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"specializations": "[]",
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"name": "Negociación exitosa: Estrategias y habilidades esenciales (en español)"
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{
  "FIELD1": 470,
  "courseType": "v2.ondemand",
  "description": "This course will provide you a foundational understanding of machine learning models (logistic regression, multilayer perceptrons, convolutional neural networks, natural language processing, etc.) as well as demonstrate how these models can solve complex problems in a variety of industries, from medical diagnostics to image recognition to text prediction. In addition, we have designed practice exercises that will give you hands-on experience implementing these data science models on data sets. These practice exercises will teach you how to implement machine learning algorithms with TensorFlow, open source libraries used by leading tech companies in the machine learning field (e.g., Google, NVIDIA, CocaCola, eBay, Snapchat, Uber and many more).",
  "id": "8BJHzD_EeiKohJBs5wRGA",
  "slug": "machine-learning-duke",
  "instructorIds": "[36385260]",
  "specializations": "[]",
  "partnerIds": "[7]",
  "name": "Introduction to Machine Learning"
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{
  "FIELD1": 471,
  "courseType": "v2.ondemand",
  "description": "Welcome to the fifth and final course in the Cisco Networking Basics Specialization.\n\nIn the first four courses of this specialization, you were focused on understanding how computer networks work and how to access the network. Now that you have a firm grasp of how to build and secure a wireless home network, you will be introduced to the basics of adding Cisco routers and switches to networks that are typically deployed in small to medium sized businesses. You will perform the basic setup and configuration steps needed to get switches and routers connected in a small network. You will also learn how to configure the router and the switch for remote access. You will use two different types of simulation tools to practice configuration steps. After completing required configuration tasks, you will use various show commands to verify configurations and use the ping command to verify basic connectivity between devices. Expect lots of opportunities for practicing Cisco device configuration. This course requires the use of Cisco Packet Tracer to simulate the network environment. You will need to download and use Cisco Packet Tracer throughout the course.\n\nAt the end of this course, you will be able to:\n1. Describe the features and functions of various Cisco devices installed in a typical simple computer network.\n2. Use the Packet Tracer simulation software to practice configuration tasks using the command line interface.\n3. Connect and configure a Cisco switch and small business router in order to provide network connectivity in a small LAN environment.\n4. Use a structured troubleshooting strategy to identify and fix network connectivity issues.\n5. Enter and view the results of common Cisco CLI commands.\n6. Use best practices to secure Cisco networking devices from unauthorized access.\n7. Use command line utilities to test and verify network connectivity.\n8. Use common network utilities to test connectivity between network attached devices.\n9. Explain issues that can cause Internet connectivity problems.\n10. Describe how to report problems and assist in troubleshooting connections with an ISP help desk.",
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  "slug": "cisco-networking-introduction",
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{  
  "FIELD1": 472,  
  "courseType": "v2.ondemand",  
  "description": "This course is for you if you are interested in transitioning toward  
a managerial role in cybersecurity and mobility. Through interviews with industry experts  
in this area, you will be able to analyze innovations powering the rapid spread of  
information technology and how they present new challenges for protecting data. For  
example, mobile devices increase convenience but often bypass traditional security  
measures. After this course, you will be able to describe how the nature of the threat  
evolves, as culprits employ a burgeoning set of sophisticated tools to take advantage of  
our growing reliance on networks for critical-data exchange.\n\nIf you want to pursue a  
career in the public sector, the stakes are high as well. The proliferation of hackers,  
inevitable human errors, bring-your-own-device (BYOD) initiatives, and the ever-  
broadening need to share information weigh heavily on government and education  
organizations, and consume substantial resources. The Pentagon, for example, has proposed  
to spend $23 billion on network security initiatives through 2018. This sounds like a  
large sum, until you consider the scope and importance of the U.S. government information  
resources this investment must protect.\n\nAfter completing the course modules you will  
be able to explain how yesterday's prevention strategies are no longer adequate for  
stopping advanced, targeted attacks. Effective cybersecurity must be multi-dimensional  
and tiered, as threats can originate from virtually anywhere, target numerous levels of  
an organization, and sometimes persist for months or years before an information security  
staff is aware of an attack or breach. Therefore securing networks requires a holistic  
approach that incorporates several elements.",  
  "id": "Bu00neR5EeWYOBIRup69HQ",  
  "slug": "cybersecurity-mobility",  
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  "specializations": "[]",  
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  "name": "Cybersecurity and Mobility"  
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{  
  "FIELD1": 473,  
  "courseType": "v2.ondemand",  
  "description": "Most professions these days require more than general intelligence.  
They require in addition the ability to collect, analyze and think about data. Personal  
life is enriched when these same skills are applied to problems in everyday life  
involving judgment and choice. This course presents basic concepts from statistics,  
probability, scientific methodology, cognitive psychology and cost-benefit theory and  
shows how they can be applied to everything from picking one product over another to  
critiquing media accounts of scientific research. Concepts are defined briefly and  
breezily and then applied to many examples drawn from business, the media and everyday  
life.\n\nWhat kinds of things will you learn? Why it's usually a mistake to interview  
people for a job. Why it's highly unlikely that, if your first meal in a new restaurant  
is excellent, you will find the next meal to be as good. Why economists regularly walk  
out of movies and leave restaurant food uneaten. Why getting your picture on the cover of  
Sports Illustrated usually means your next season is going to be a disappointment. Why  
you might not have a disease even though you've tested positive for it. Why you're never  
going to know how coffee affects you unless you conduct an experiment in which you flip a  
coin to determine whether you will have coffee on a given day. Why it might be a mistake  
to use an office in a building you own as opposed to having your office in someone else's  
building. Why you should never keep a stock that's going down in hopes that it will go  
back up and prevent you from losing any of your initial investment. Why it is that a  
great deal of health information presented in the media is misinformation.",  
  "id": "2e_l18MBEea6CwrxGAW0VA",  
  "slug": "mindware",  
  "instructorIds": "[14296851]",  
  "specializations": "[]",  
  "partnerIds": "[3]",  
  "name": "Mindware: Critical Thinking for the Information Age "  
,  
{  
  "FIELD1": 474,  
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"description": "This course introduces the basic concepts of switched-mode converter circuits for controlling and converting electrical power with high efficiency. Principles of converter circuit analysis are introduced, and are developed for finding the steady state voltages, current, and efficiency of power converters. Assignments include simulation of a dc-dc converter, analysis of an inverting dc-dc converter, and modeling and efficiency analysis of an electric vehicle system and of a USB power regulator.\n\nAfter completing this course, you will:\n● Understand what a switched-mode converter is and its basic operating principles\n● Be able to solve for the steady-state voltages and currents of step-down, step-up, inverting, and other power converters\n● Know how to derive an averaged equivalent circuit model and solve for the converter efficiency\n\nA basic understanding of electrical circuit analysis is an assumed prerequisite for this course.",

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    "name": "Introduction to Power Electronics"
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  "FIELD1": 475,
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  "description": "Welcome to \"Chinese Characters for beginner\"!\nThis is an elementary course on learning Chinese characters. Together, we will start from the basic element of Chinese characters-- Strokes. Then we will learn 1,200 basic Chinese words composed of 240 commonly used Chinese characters, which begin with “—”(one), including pronunciation, shape and meaning, so that to improve the learning effect.\n\n① Each Chinese character is with pinyin;\n② Each Chinese character is shown in the form of animation in the process of writing, namely strokes;\n③ English translation is used on the Chinese character can be a word itself. Other Chinese characters can not be independent of words are the characters of. The English translation of this kind of characters is marked in parentheses;\n\n④ Each Chinese word is accompanied by Pinyin, English translation and picture, which is easy to understand;\n\n⑤ There are proper exercises at the end of each lesson.\n\nGood luck !",
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  "FIELD1": 476,
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```

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    "specializations": "[]",
    "partnerIds": "[443]",
    "name": "Intro to TensorFlow em Português Brasileiro"
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},
{
  "FIELD1": 477,
  "courseType": "v2.ondemand",
  "description": "Course Overview: https://youtu.be/L0-cZt1Hw7c\n\nChinese Medicine and Modern Medicine are two distinct medical systems, yet they both aim at the prevention and treatment of human diseases. With this in mind, we should understand the practice of Chinese Medicine in the context of Modern Medicine.\n\nIn this course, we explore the
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basic theories underlying the practice of Chinese Medicine, compare and contrast the use of Chinese Medicine and Modern Medicine in Preventive Health, and discuss how to restore a healthy condition and understand the pharmacological basis of different types of Chinese tonifying herbs.\n\nBy the end of this course, you will be able to:\n- state the important Chinese Medicine literature from 5th century B.C. to 16th century A.D.\n- describe and interpret basic Chinese Medicine theories\n- apply the basic Chinese Medicine theories (such as the balance between Yin and Yang and the interaction among organs) to restore a healthy condition\n- compare and contrast the use of Chinese Medicine and Modern Medicine in Preventive Health\n- explain how the balance of Yang/Qi and/or Yin/Blood can be restored by using Chinese tonifying herbs\n- adapt the Chinese Medicine concepts by reviewing the contemporary researches on pharmacological activities in Chinese tonifying herbs",

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    "name": "Health Concepts in Chinese Medicine"
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"FIELD1": 478,
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 "description": "This course will teach you the \"magic\" of getting deep learning to work well. Rather than the deep learning process being a black box, you will understand what drives performance, and be able to more systematically get good results. You will also learn TensorFlow. \n\nAfter 3 weeks, you will:
- Understand industry best-practices for building deep learning applications.
- Be able to effectively use the common neural network \"tricks\", including initialization, L2 and dropout regularization, Batch normalization, gradient checking,
- Be able to implement and apply a variety of optimization algorithms, such as mini-batch gradient descent, Momentum, RMSprop and Adam, and check for their convergence.
- Understand new best-practices for the deep learning era of how to set up train/dev/test sets and analyze bias/variance
- Be able to implement a neural network in TensorFlow. \n\nThis is the second course of the Deep Learning Specialization.",

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    "id": "BZ5quSvBEee6gA5XksfBbg",
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    "slug": "deep-neural-network",
    "instructorIds": "[1244, 24382163, 20612763]",
    "specializations": "[]",
    "partnerIds": "[475]",
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"name": "Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization"

},
{

"FIELD1": 479,

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"description": "The purpose of this course is to review the material covered in the Fundamentals of Engineering (FE) exam to enable the student to pass it. It will be presented in modules corresponding to the FE topics, particularly those in Civil and Mechanical Engineering. Each module will review main concepts, illustrate them with examples, and provide extensive practice problems.",

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"name": "Fundamentals of Engineering Exam Review"

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"FIELD1": 480,

"courseType": "v2.ondemand",

"description": "You may have noticed that what is new often behaves differently than what has become accepted over time, whether it is in a market, or a technology, or involves people and firms. Much research supports these general ideas, and this course builds on them to help you develop a perspective on managing innovation. That is, you will build your capability to lead and design your organization in effectively implementing innovation initiatives and achieving their strategic intent. \n\nTo do this, you will learn a set of frameworks, tools, and concepts that can help you address several important challenges in managing innovation. The first challenge regards how to

successfully implement innovation efforts within established firms and alongside established businesses. You then investigate the particulars of managing innovation when disruptive technologies are involved. Other topics include leadership of new product development teams, planning and evaluation of innovation initiatives, and management of innovation across organizational boundaries, as happens with alliances or virtual firms.",

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    "partnerIds": "[17]",
    "name": "Strategic Innovation: Managing Innovation Initiatives"
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{ "FIELD1": 481,
  "courseType": "v2.ondemand",
  "description": "In this course, we will study security and trust from the hardware perspective. Upon completing the course, students will understand the vulnerabilities in current digital system design flow and the physical attacks to these systems. They will learn that security starts from hardware design and be familiar with the tools and skills to build secure and trusted hardware.",
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  "specializations": "[]",
  "partnerIds": "[32]",
  "name": "Hardware Security"
},
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{ "FIELD1": 482,
  "courseType": "v2.ondemand",
  "description": "Learn about the technologies underlying experimentation used in systems biology, with particular focus on RNA sequencing, mass spec-based proteomics, flow/mass cytometry and live-cell imaging.\n\nA key driver of the systems biology field is the technology allowing us to delve deeper and wider into how cells respond to experimental perturbations. This in turns allows us to build more detailed quantitative models of cellular function, which can give important insight into applications ranging from biotechnology to human disease. This course gives a broad overview of a variety of current experimental techniques used in modern systems biology, with focus on obtaining the quantitative data needed for computational modeling purposes in downstream analyses. We dive deeply into four technologies in particular, mRNA sequencing, mass spectrometry-based proteomics, flow/mass cytometry, and live-cell imaging. These techniques are often used in systems biology and range from genome-wide coverage to single molecule coverage, millions of cells to single cells, and single time points to frequently sampled time courses. We present not only the theoretical background upon which these technologies work, but also enter real wet lab environments to provide instruction on how these techniques are performed in practice, and how resultant data are analyzed for quality and content.",
```

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  "name": "Experimental Methods in Systems Biology"
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{ "FIELD1": 483,
  "courseType": "v2.ondemand",
  "description": "Once you have a prototype and a clearer vision of the opportunity, you'll need to create a small organization to discover how to create a repeatable and scalable business model. Designed to provide you with a comprehensive overview of the critical components of creating a start-up, Entrepreneurship 2: Launching the Start-up, provides practical, real-world knowledge about the lean approach, the minimum viable product, when to pivot, when to quit your day job, the art of the pitch, building and managing a team, allocating equity, and building your external team, advisory board members, professional services, and entrepreneurial strategy. At the end of this course, you'll be able to create a strategy for launch, including knowing who you need to hire, how to manage them to provide the greatest value, and what legal aspects are involved. You'll also be prepared for Entrepreneurship 3: Growth Strategies."}
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'341966']",
"specializations": "[]",
"partnerIds": "[ '6']",
"name": "Entrepreneurship 2: Launching your Start-Up"
},
{
"FIELD1": 484,
"courseType": "v2.ondemand",
"description": "Our Earth's Future is about the science of climate change and how to talk about it. You will learn from scientists in the fields of climatology, oceanography, Earth science, and anthropology who study how climate change is affecting people, populations, and ways of life. Explore the multiple lines of evidence for the human-induced climate change that is happening today, and consider what that means for the future of our planet. At the end of this course you will be able to understand key scientific principles, identify and address misconceptions, and contribute confidently to conversations about climate change.",
"id": "1cz3WSsXEeWccAqzeA4VPw",
"slug": "earth-climate-change",
"instructorIds": "[ '11420615']",
"specializations": "[]",
"partnerIds": "[ '100']",
"name": "Our Earth's Future"
},
{
"FIELD1": 485,
"courseType": "v2.capstone",
"description": "In this case study based exercise, you will apply the knowledge you have gained about distribution, revenue and demand management to a 'real' world case – Hotel \"De l'étoile\" – a prestigious upmarket internationally branded property in Paris that to the outside world seems to be doing well but is in fact unprofitable for its owner.\n\nActual data of the distribution performance, revenue management tactics, financial situation will be provided by the hotel partner. In addition detailed information about the hotel's competitive environment will be provided by several industry partners. Video interviews with senior managers from the property will be used to supplement written material to create a more real world experience.\n\nAs the new Director of Business Development hired to help the hotel decide how to proceed, you will evaluate the hotel's current policies and performance, making recommendations for improvements and plan how best to implement them.",
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"slug": "hotel-management-project",
"instructorIds": "[ '9943216']",
"specializations": "[]",
"partnerIds": "[ '223']",
"name": "Hôtel \"De l'étoile\" – a hotel in crisis?"
},
{
"FIELD1": 486,
"courseType": "v2.ondemand",
"description": "Среди жителей Кёнигсберга была распространена такая практическая головоломка: можно ли пройти по всем мостам через реку Преголя, не проходя ни по одному из них дважды? В 1736 году выдающийся математик Леонард Эйлер заинтересовался задачей и в письме другу привел строгое доказательство того, что сделать это невозможно. В том же году он доказал замечательную формулу, которая связывает число вершин, граней и ребер многогранника в трехмерном пространстве. Формула таинственным образом верна и для графов, которые называются \"планарными\". Эти два результата заложили основу теории графов и неплохо иллюстрируют направление ее развития по сей день.\n\nГраф как математический объект оказался полезным во многих теоретических и практических задачах. Наверное, дело в том, что сложность его структуры хорошо отвечает возможностям нашего мозга: это структура наглядная и понятно устроенная, но, с другой стороны, достаточно богатая, чтобы улавливать многие нетривиальные явления. Если говорить о приложениях, то, конечно, сразу же на ум приходят большие сети: Интернет, карта дорог, покрытие мобильной связи и т.п. В основах поисковых машин, таких, как Yandex и Google, лежат алгоритмы на графах. Помимо computer science, графы активно используются в биоинформатике, химии, социологии.\n\nЭтот курс служит введением в современную теорию графов. Мы, конечно, обсудим классические задачи, но и поговорим про более недавние результаты и тенденции, например, про экстремальную теорию графов.\n\nМатериал изложен с самых основ и на доступном языке."}
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Целью этого курса является не только познакомить вас с вопросами и методами теории графов, но и развить у неподготовленных слушателей культуру математического мышления. Поэтому курс доступен широкому кругу слушателей. Для освоения материала будет достаточно знания математики на хорошем школьном уровне и базовых знаний комбинаторики.\n\nКурс состоит из 7 учебных недель и экзамена. Для успешного решения большинства задач из тестов достаточно освоить материал, рассказанный на лекциях. На семинарах разбираются и более сложные задачи, которые смогут заинтересовать слушателя, уже знакомого с основами теории графов.",

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"instructorIds": "[ '9134341', '9199409' ]",
"specializations": "[ ]",
"partnerIds": "[ '176' ]",
"name": "Теория графов"
},
{
  "FIELD1": 487,
  "courseType": "v2.ondemand",
  "description": "As health informaticists, we need to be very clear in our understanding of the current state (as\\n-is), the future state (to-be) and any unintended consequences that can result from our interventions. Prior to introducing large scale change, we need to assess whether a healthcare organization is truly ready for change. This involves taking into account an organization's current culture and values. Successfully leading change through health informatics also requires strategic planning and careful financial considerations. Proper workflow redesign and a clear change management strategy are of utmost importance when introducing new technologies and in ensuring their successful adoption and proper use. \\n\\nBy the end of this course, students will become familiar with examples of successful and failed attempts at change in health informatics, and the reasons for each. Students will be armed with tools to help optimize their chances for successfully leading change in their respective organizations.",
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  "instructorIds": "[ '37772795' ]",
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  "name": "Leading Change in Health Informatics"
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{
  "FIELD1": 488,
  "courseType": "v2.ondemand",
  "description": "What is XR? It's shorthand for a related set of new technologies that are changing the way we interact with the world and with each other: Virtual Reality, Augmented Reality, and Mixed Reality.\\n \\nTo understand XR, you need to understand the technologies that enable it. If you understand the available technologies, how they are used, and what their future holds, you'll be well equipped to deal with XR as it rapidly evolves and converges.\\n\\nIn this course, we will present an introduction to XR using a broadly chronological approach, focusing on how all of the underlying technologies came together at key moments in the history of XR to launch the concepts of Virtual Reality and Augmented Reality into the mainstream consciousness. Throughout the course, we'll give a brief description of each of the supporting technologies, some history about when it first came into use, limitations and future potential for improvement, and how it's used for AR, VR, and MR. \\n\\nAs you learn about the technology, you'll also develop hands on experience in the field along two tracks. First, you will use Unity to build and run two simple XR applications on your own smartphone: a \"VR Museum\" app and a handheld Augmented Reality app. Second, you will brainstorm, define, visualize, and iterate your own original concept for an XR application, ending the course with a thorough and peer-reviewed XR Product Brief that you could use as the basis for future development.\\n\\nThis is the first of three planned courses in Unity's XR Specialization, which include the Mobile VR App Development with Unity course as well as a future course focused on developing Augmented Reality (AR) applications with Unity.",
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  "instructorIds": "[ '32937405', '28762407' ]",
  "specializations": "[ ]",
  "partnerIds": "[ '482' ]",
  "name": "Introduction to XR: VR, AR, and MR Foundations"
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"FIELD1": 489,
"courseType": "v2.ondemand",
"description": "The Kotlin programming language is a modern language that gives you more power for your everyday tasks. Kotlin is concise, safe, pragmatic, and focused on interoperability with Java code. It can be used almost everywhere Java is used today: for server-side development, Android apps, and much more. Kotlin is 100% compatible with all existing Java frameworks, and has good tooling support. It's a pragmatic language with a very low learning curve, and can be quickly grasped by Java developers. Kotlin code might be compiled not only to JVM bytecode but to JavaScript and Native code as well, but this course is focused on Kotlin/JVM.\n\nThis course aims to share with you the power and the beauty of Kotlin. We'll have a basic overview of the language, as well as a discussion of many corner cases, especially concerning Java interoperability. The course is based on your Java experience; it shows the similarities between the two languages and focuses on what's going to be different. \nNote that this course won't cover the programming fundamentals. We'll discuss: basic syntax, nullability, functional programming with Kotlin, object-oriented programming with Kotlin, the power of the Kotlin standard library, and Java interoperability.",
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"instructorIds": "['35297068', '35636946']",
"specializations": "[]",
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"name": "Kotlin for Java Developers"
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"FIELD1": 490,
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"description": "Muchas personas ya conocen al bitcoin, la moneda digital que en pocos años pasó de valer unos pocos centavos a miles de dólares. Pero es sólo la punta del iceberg de un fenómeno mucho más grande. \n\nEl blockchain, la tecnología en la que se basa el bitcoin, tiene el potencial de disrupir los negocios, las finanzas, las leyes y hasta los gobiernos.\n\n¿Imaginas un mundo sin bancos? ¿Sin abogados? ¿Imaginas una red social que te pagara cada vez que publique un post? ¿Una plataforma para compartir música, donde todos los ingresos queden en manos del artista? \n\nEste es uno de los primeros programas sobre blockchain disponibles en Coursera. Es dictado por Federico Ast, profesor de la Facultad de Ciencias Empresariales de la Universidad Austral, Doctor en dirección de empresas y emprendedor con amplia experiencia en la industria del blockchain. Es fundador de Crowdjury y Kleros, dos proyectos que utilizan el blockchain para la transformación de los sistemas legales y de justicia.\n\nLas 5 semanas del curso te ofrecerán un amplio panorama teórico y práctico del impacto del blockchain en el ámbito legal, tecnológico, económico y social.\n\nBill Gates, Richard Branson, Julian Assange y Al Gore son algunas de las personas que creen que esta es una de las tecnologías de mayor potencial de transformación de los próximos años.\n\n¡Bienvenido a la revolución del blockchain!",
"id": "iU_-zKnCEeeF1RLK9c5stA",
"slug": "blockchain-espanol",
"instructorIds": "['5986304']",
"specializations": "[]",
"partnerIds": "['350']",
"name": "La Disrupción del Blockchain"
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{
"FIELD1": 491,
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"description": "This course delves into a variety of processes to structure software development. It also covers the foundations of core Agile practices, such as Extreme Programming and Scrum.",
"id": "6lQZLjVvEwfzhKP8GtZlQ",
"slug": "software-processes-and-agile-practices",
"instructorIds": "['14283726']",
"specializations": "[]",
"partnerIds": "['146']",
"name": "Software Processes and Agile Practices"
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{
"FIELD1": 492,
"courseType": "v2.ondemand",
"description": "El Marketing Digital ha revolucionado la forma de hacer negocios, y ninguna corporación, empresa, emprendedor o profesional puede desconocer su importancia

vital para lograr el éxito.\nEste curso proporciona al alumno el dominio de los criterios estratégicos, técnicas y herramientas propias de la disciplina.\nObjetivos:\n- Comprender el ecosistema completo del Marketing Digital\n- Desarrollar las mejores estrategias para conseguir los objetivos\n- Identificar las principales herramientas para ejecutar las acciones que contemplan éstas estrategias\n- Aprender a monitorear o controlar para tomar acciones correctivas",

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"id": "LEKy0A4REeaX4g6xdats6w",
"slug": "marketing-digital-pilares",
"instructorIds": "[22139224, 22139241]",
"specializations": "[]",
"partnerIds": "[350]",
"name": "Pilares de Marketing Digital"
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{
  "FIELD1": 493,
  "courseType": "v2.ondemand",
  "description": "En el curso matemáticas financieras se explica la relación que tiene el dinero y su valor a través del tiempo. Se abordan los temas de interés simple, interés compuesto, anualidades, perpetuidades, amortizaciones, valor presente y valor futuro, todos ellos elementos básicos que el administrador financiero deberá aplicar en los análisis de opciones de inversión o financiamiento.",
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"id": "SV_hEA5YEeaX4g6xdats6w",
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"instructorIds": "[11118284]",
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"name": "Matemáticas financieras"
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{
  "FIELD1": 494,
  "courseType": "v2.ondemand",
  "description": "Рынки капитала и финансовые институты – вокруг нас. Это огромная отрасль, в которой действуют могущественные игроки, часто бросающие вызовы инвесторам и широкой публике и подвергающие их серьезным рискам. \nКурс позволяет в нескучной форме познакомиться с основами современного рынка капитала, проанализировать его фундаментальные проблемы, осознать глубинные интересы участников рынка, понять истинное значение финансовых терминов и сигналов.\nСлушатели будут лучше понимать финансовые новости, не будут поддаваться на радужные обещания финансистов и опасные авантюры, станут более защищенными от рыночных угроз, получат возможность использовать приобретенные знания и навыки для успешного профессионального и карьерного роста как в области финансов, так и в других видах деятельности и в обычной жизни.",
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"id": "pDX5iINYEealyAq9mBiU-w",
"slug": "ryynki-kapitala-finansovyye-instituty",
"instructorIds": "[17533334]",
"specializations": "[]",
"partnerIds": "[176, 440]",
"name": "Рынки капитала и финансовые институты или \"0 чужих деньгах\""
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{
  "FIELD1": 495,
  "courseType": "v2.ondemand",
  "description": "Improving health care for veterans has become a matter of national attention and has gained increasing attention from the medical community. With the current surge of veterans reintegrating into civilian society it is critical to improve the training of the next cadre of providers who will provide care for our veterans. It is widely known that veterans receive care in all aspects of the health system, thus providers in veteran focused care facilities, military health serves and civilian locals must be aware of the unique needs of veterans. It is perhaps even more important to educate civilian providers who may be unfamiliar with the unique physical, mental and emotional needs related to military service.\nCourse Audience\n - all health professions learners, example:\n - medical students, resident physicians, dental students,\n - nursing students, advanced practice nurses,\n - social work, pharmacy student as graduate level learners\n - as well as any and all health professionals interested in veteran-centered care\nWhat You Will Learn:\nThis course will provide learners the opportunity to engage with material to facilitate their understanding of the origins of Academic Medical Centers and Veterans Administration affiliations, recognize and manage the influence of bias, class, and power on the clinical encounter and self-reflect on their biases that particularly affect U.S. military veterans. This course also features several video clips from the acclaimed documentary, Where Soldiers Come
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From, directed by Heather Courtney.\n\nThe views expressed in this course are those of the authors and do not necessarily reflect the position or the policy of the Department of Veterans Affairs or the U.S. government.",

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"id": "Qjj3KjrWEeW0-Qq6rEZAow",
"slug": "va-health-care",
"instructorIds": "[1786868', '5080871']",
"specializations": "[]",
"partnerIds": "[3']",
"name": "Service Transformed: Lessons in U.S. Veteran Centered Care"
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{
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"FIELD1": 496,
"courseType": "v2.ondemand",
"description": "This course will introduce you to Virtual Reality (VR). The course will teach you everything from the basics of VR- the hardware and the history of VR- to different applications of VR, the psychology of Virtual Reality, and the challenges of the medium.\n\nThe course is designed for people who are new to VR as a medium. You may have experienced some virtual reality before, and may have some hardware- but this course is suitable to individuals who have never experienced VR and those who do not have much hardware- we will explain Mobile VR as well as devices such as the Oculus Rift and HTC Vive.\n\nIntroduction to Virtual Reality is the first course in the Virtual Reality Specialisation. A learner with no previous experience in Virtual Reality and/or game programming will be able to evaluate existing VR applications, and design, test, and implement their own VR experiences/games using Unity by the end of the specialisation.",

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"id": "pXYrg_jbEeaRvRLVBNP8Xg",
"slug": "introduction-virtual-reality",
"instructorIds": "[24333271', '1620951']",
"specializations": "[]",
"partnerIds": "[26', '303']",
"name": "Introduction to Virtual Reality"
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{
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"FIELD1": 497,
"courseType": "v2.ondemand",
"description": "This course will focus on the historical and cultural background, literary aesthetics, music, and performance of Kunqu, China's classical opera. After viewing the lecture videos presented by scholars and renowned maestros in the field of Kunqu, students' understanding and appreciation of Chinese performing arts, classical literature and traditional culture will be enhanced.",

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"id": "p_hNtStkEeWccAqzeA4VPw",
"slug": "kunqu-opera",
"instructorIds": "[2589622', '2589497', '5271925']",
"specializations": "[]",
"partnerIds": "[45']",
"name": "The Beauty of Kunqu Opera"
},  
{
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"FIELD1": 498,
"courseType": "v2.ondemand",
"description": "Accountants perform a wide variety of activities which include, but are not limited to, accounting, auditing, tax, management consulting, and financial management. However, a professional accountant's responsibility is not exclusively to satisfy the needs of an employer or professional services client. One of the distinguishing characteristics of the accounting profession is its acceptance of the responsibility to act in the public interest.\n\nThis course will introduce you to professional guidance that enables accountants to uphold the obligation to act in the public interest while meeting their professional responsibilities to employers and clients. You will also learn foundational knowledge of the moral dimensions of business that are helpful for recognizing and interpreting the ethical issues embedded in situations you will encounter in your career. Topics in the course include professional standards, values and norms, ethical theories, theories of a firm and business purpose, and corporate governance.",

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"id": "#NAME?",  
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"instructorIds": "[28515913']",
"specializations": "[]",
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{  
    "FIELD1": 499,  
    "courseType": "v2.ondemand",  
    "description": "The Origins course tracks the origin of all things – from the Big  
Bang to the origin of the Solar System and the Earth. The course follows the evolution of  
life on our planet through deep geological time to present life forms.",  
    "id": "QRDjcWLVEeWFkQ7sUCFGVQ",  
    "slug": "origins-universe-solarsystem",  
    "instructorIds": "[ '2428255', '5970141', '10165456', '10165347', '10165330',  
'10165304', '10165281', '10165255', '10165237', '10165197', '10165169', '10165131',  
'10165094', '10165080', '10165069', '10165045', '10165012']",  
    "specializations": "[]",  
    "partnerIds": "[ '63']",  
    "name": "Origins – Formation of the Universe, Solar System, Earth and Life"  
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