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are not 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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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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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:\n\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\n\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\n\nParticipation in or completion of this online course will not confer academic credit for University of London programmes.",

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or who would like to teach, in any subject and any context - be it at school, at home or in the workplace. With dynamic lessons taught by established and respected professionals from across the Commonwealth, this eight course programme will see you develop and strengthen your skills in teaching, professionalism, assessment, and more. As you carry on through the programme, you will find yourself strengthening not only your skills, but your connection with colleagues across the globe. A professional development opportunity not to be missed. \n\nPositive relationships with students supports children's learning. Positive relationships with colleagues and school leaders helps school improvement. This course helps teachers develop strong relationships with families and colleagues.\n\nEnhance your course by joining the Commonwealth teaching community on our website, Facebook and Twitter."

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costos.\n\n2. Identificar los actores criticos 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.\n\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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course will be taught by a multidisciplinary team of transplant professionals and will give you the state of the art updates. \n\nIt 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. \n\nThe 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!\n\n\nThe course is endorsed by The European Society of Organ Transplantation (ESOT), The International Society of Nephrology (ISN) and The Transplantation Society (TTS).\n\nThis MOOC has been accredited for Continuing Medical Education (CME). Health care professionals who works 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 \n\n\nFor 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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особенностях Swift и тех парадигмах, которые он предлагает для написания производительного, красивого и понятного кода.",

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    \n\n课程特点：
    \n•\t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”
    \n•\t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
    \n•\t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
    \n\n•\t专注于创业的在线课程
    \n•\t注重实践，最鲜活的案例教学
    \n•\t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
    \n•\t无需相关教育或工作背景，对所有人开放
    \n\n参与本课程，您将收获：
    \n•\t12位知名公益专家亲
  
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\n•\t为自己绝妙的创意找到切实可行的商业模式\n\n•\t组建能力出色行动高效的团队\n•\t撰写专业具体可执行的策划书\n\n•\t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\n\n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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\n\n❖ 課程介紹 (About the course) \n\n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。
\n\n詳細課程目標如下：\n\n1. 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認經濟理論及其他實地資料。
\n\n2. 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。
\n\n❖ 授課形式 (Course format) \n\n1. 本堂課將以影片的形式為主，搭配課後作業的形式來進行。
\n\n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。
\n\n2. 這堂課將簡單地運用以下賽局（博弈）概念：\n\n奈許均衡 / 納什均衡 (Nash Equilibrium) \n混合策略均衡 (Mixed Strategy Equilibrium) \n子賽局完美均衡 / 子博弈精練納什均衡 (SPNE) \n共識 / 共同知識 (Common Knowledge) \n信念 (Belief) ",
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\n\n"Economic Growth and Distributive Justice - Maximizing Social Wellbeing" is the second part of a two part course and it includes the following five lectures: \n(1) The excess burden of taxation\n(2) Tax incidence: who bears the economic burden of tax?\n(3) Progressivity: definition and ways to achieve\n(4) Low Income, Low Ability and the Optimal Income Tax Model\n(5) Designing the Tax and Transfer System that Maximizes Social Wellbeing\nIf 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.
\n\nThe 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 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
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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\n\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\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 - <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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используются при анализе текущего состояния экономики той или иной страны, что позволит самостоятельно ориентироваться в происходящих процессах и явлениях, а также проводить оценку эффективности и необходимости проводимой государством макроэкономической политики.

Данный курс покрывает на базовом уровне все основные темы макроэкономики. Примерно две трети курса посвящены анализу общего равновесия на рынках труда, заемных средств, финансовых, денежных, товарных рынках, а также международных потоков капитала. Изучается долгосрочный экономический рост, идущий за счет накопления капитальных мощностей и технического прогресса. Вторая часть курса посвящена изучению природы краткосрочных колебаний вокруг долгосрочной траектории роста, таким как финансовый кризис и мировая рецессия 2008-2009 годов. Обсуждаются причины подобных спадов, а также оптимальная стабилизационная политика государства, призванная либо предотвращать подобные катаклизмы, либо сглаживать последствия от них.

Для успешного прохождения курса желательно (но не обязательно) иметь базовые знания по микроэкономике.",

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explica los distintos efectos de alcance regional y difunde estrategias de acción contra el cambio climático, así como oportunidades para que pueda tomar medidas en relación con el cambio climático.

Acerca del curso

Este MOOC orientado a la acción le brindará la oportunidad de conocer los efectos del cambio climático a escala regional y las estrategias sectoriales específicas utilizadas para aumentar la resiliencia y avanzar hacia un futuro con bajas emisiones de carbono. Tendrá la oportunidad de estudiar a fondo estas cuestiones y adaptar su experiencia de aprendizaje a una o varias de las siguientes regiones:

- América Latina y el Caribe
- África Subsahariana
- Oriente Medio y Norte de África
- Europa Oriental y Asia Central
- Asia Oriental y el Pacífico
- Asia Meridional

Para ello el MOOC reúne a reconocidos científicos y responsables políticos que ofrecerán un resumen de las últimas pruebas científicas sobre el cambio climático, estrategias de desarrollo con bajas emisiones de carbono y capacidad de adaptación al cambio climático a escala regional entre sectores, así como un análisis del Acuerdo de París y otros de los resultados de la 21ª Conferencia de las Partes.

Programa del curso

Descripción

Bajemos la temperatura: La ciencia climática pasa a la acción se divide en cuatro semanas. En las primeras dos semanas se presentará una visión global de las pruebas científicas del cambio climático, que irá seguida de perspectivas específicas de cada región sobre los efectos de un aumento de la temperatura en el mundo en el siglo XXI. Las últimas dos semanas se centrarán en las estrategias de acción emprendidas en distintas regiones y países para abordar el desafío climático, y sobre cómo puede actuar la población de manera individual.

Semana 1: El cambio climático en el siglo XXI

- Cambios históricos y previstos observados en el sistema climático en los últimos años del siglo XXI.
- El potencial de contribución prevista determinada a nivel nacional (CPDN) presentada en la 21ª Conferencia de las Partes por parte de 187 países para inducir a la acción climática.
- Tendencias de los efectos del cambio climático, entre otros la pérdida de la capa de hielo del Ártico, el deshielo de los glaciares, el aumento de las olas de calor y las temperaturas extremas, la sequía y la aridez.
- Las posibles respuestas de los sistemas naturales, explicando cómo el calentamiento podría dar lugar al aumento del nivel del mar, a olas de calor y temperaturas extremas, y a la acidificación de los océanos.

Semana 2: Efectos de alcance sectorial y regional

- Repercusiones en sectores clave del desarrollo –desde el calentamiento por encima de la temperatura de la época preindustrial y tendencias climáticas previstas– en cada una de las regiones del mundo.
- Repercusiones sectoriales centradas en la producción agrícola, los recursos hídricos, los servicios de los ecosistemas y la vulnerabilidad de las zonas costeras para las poblaciones afectadas.
- Importancia de los riesgos que pueden invertir los logros de desarrollo obtenidos con tanto esfuerzo y atrapar en la pobreza a millones de personas, ilustrando la necesidad de actuar ya con urgencia.

Semana 3: La ciencia climática pasa a la acción en materia de cambio climático

- Debates sobre regiones específicas en torno a las acciones de mitigación necesarias para reducir las emisiones a la vez que se disminuye la vulnerabilidad ante los efectos del cambio climático por medio de la adaptación y el aumento de la resiliencia al clima.
- Perspectivas de expertos regionales sobre sus experiencias con estrategias y acciones propuestas en cada región para contribuir a la transición hacia una senda de desarrollo con bajas emisiones y resiliente al clima.

Semana 4: Qué puede hacer

- Efecto transformador de los cambios diarios a escala mundial
- La razón de actuar ahora, actuar juntos y actuar de un modo diferente
- Ejemplos 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

Aparte 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:

- América Latina y el Caribe
- África Subsahariana
- Oriente Medio y Norte de África
- Europa Oriental y Asia Central
- Asia Oriental y el Pacífico
- Asia Meridional

Formación recomendada

No es necesario ningún conocimiento previo

El contenido de este curso está diseñado para ser accesible para estudiantes de cualquier materia.

Conectar

Comunique y comparta recursos a través de Twitter utilizando la etiqueta #learnclimate. Registre una cuenta gratuita en <http://twitter.com>

Formato del curso

La 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:

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

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websites, get mobile apps discovered, and leverage social media to drive organic SEO traffic. You will also learn how to identify key SEO metrics and collect, interpret, validate, and report success to your clients and stakeholders.",

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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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    "description": "Designing a product is only part of the process. Now, can that 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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    "description": "How can we create nano-structures that are 10,000 times smaller than the diameter of a human hair? How can we “see” at the nano-scale? Through instruction and lab demonstrations in this course you will obtain a rich understanding of the capabilities of nanotechnology tools and how to use this equipment for nano-scale fabrication and characterization. The nanoscale is the next frontier of the Maker culture where designs become reality. To become a Nanotechnology Maker pioneer we will introduce you to the practical knowledge skills and tools that can turn your nanotechnology ideas into physical form and that enable you to image objects at the nano-scale. \n\nThis course has been

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characterization through the Research Triangle Nanotechnology Network (RTNN). The RTNN offers training and use of the tools demonstrated in this course to schools and industry through the United States National Nanotechnology Coordinated Infrastructure program. The tools demonstrated in this course are available to the public through the RTNN.",

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    "name": "Nanotechnology: A Maker's Course"
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    "description": "Have you wondered how information from physical devices in the real world gets communicated to Smartphone processors? Do you want to make informed design decisions about sampling frequencies and bit-width requirements for various kinds of sensors? Do you want to gain expertise to affect the real world with actuators such as stepper motors, LEDs and generate notifications?\n\nIn this course, you will learn to interface common sensors and actuators to the DragonBoard™ 410c hardware. You will then develop software to acquire sensory data, process the data and actuate stepper motors, LEDs, etc. for use in mobile-enabled products. Along the way, you'll learn to apply both analog-to-digital and digital-to-analog conversion concepts. \n\nLearning Goals: After completing this course, you will be able to:\n1.\tEstimate sampling frequency and bit-width required for different sensors.\n2.\tProgram GPIOs (general purpose input/output pins) to enable communication between the DragonBoard 410c and common sensors.\n3.\tWrite data acquisition code for sensors such as passive and active infrared (IR) sensors, microphones, cameras, GPS, accelerometers, ultrasonic sensors, etc.\n4.\tWrite applications that process sensor data and take specific actions, such as stepper motors, LED matrices for digital signage and gaming, etc.",
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    "name": "Internet of Things: Sensing and Actuation From Devices"
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    "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.",
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    "slug": "the-socio-technical-health-informatics-context",
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    "name": "The Social and Technical Context of Health Informatics"
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  {
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    "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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  "name": "Network Analysis in Systems Biology"
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  "name": "Cómo hablar bien en público"
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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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  "name": "Positive Psychology Specialization Project: Design Your Life for Well-being"
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وفي ختام الدورة التدريبية، سنحصل على رُؤى من ثلاثة خبراء في \n.صلاحيه، والتفاوض عبر البريد الإلكتروني، ودور اختلافات النوع الجنسي في التفاوض \n.استمتع\n". ليندا بابكوك\، و\هيرب كوهين\، و\جون ماکول ماکين\:التفاوض

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    "name": "Programming with Cloud IoT Platforms"
  },
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    "FIELD1": 61,
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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

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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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в шашки, есть ли смысл угрожать на переговорах и с кем стоит объединяться в коалиции в парламенте.\n\nFAQ\n\nВ: Требуется ли предварительная подготовка для прохождения курса?\n0: 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\nВ: Что требуется для успешного окончания курса?\n0: 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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"instructorIds": ["12891058"],
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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•\tDefine what type of investor you are, your investment objectives, and potential constraints.\n•\tIdentify the main investable assets and important players in financial markets.\n•\tUnderstand basic portfolio management techniques.\n•\tApply 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, 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), Dorothee 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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Council met to inaugurate a modern, missionary Catholic church. We will walk through the great Escorial of Philip II of Spain, hear the poetry of John of the Cross, and follow the Jesuits to Brazil and China.

Christianity in the West was forged in the fires of conflict and tumult, and it brought forth both creativity and violence. It echoed with calls for God's world to be transformed, it inspired the most sublime art and architecture, yet it also revealed the power of the union of cross and sword to destroy. The course is a journey through the formation of the West as one strand of Christianity, as one chapter in a global story. It is a journey that has shaped our world.",

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and inquiry-based laboratories. Currently, Abeer works as a lecturer at Al-Qasem Academic College of Education, where she serves also as the head of Civil Engineering Department.

Maya 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.

Muhammad 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.

Miri 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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course 2 (International Marketing Entry and Execution) and the industry-specific courses in the specialization.",

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success for a specific project means is part of the plan. Take the opportunity to understand how you
will measure success. Does your project require 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: \n•\tDevelop two quality metrics for
a project\n•\tDifferentiate between fixed price and cost reimbursable contract types\n•\tPerform a
basic risk assessment\n•\tEstimate the quantities and costs of resources required to perform project
activities\n•\tIdentify differences in three common cost estimating techniques",
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{
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the alternatives for conveying latency-sensitive real time data versus reliable signaling data?
Building on the skills from the Sensing and Actuation course, we will explore protocols to exchange
information between processors. \n\nIn this course, you will learn how VoIP systems like Skype work and
implement your own app for voice calls and text messages. You will start by using the Session
Initiation Protocol (SIP) for session management. Next, you will learn how voice codecs such as
Adaptive Multi Rate (AMR) are used in 3G networks and use them for voice traffic in your app.
\n\nLearning Goals: After completing this course, you will be able to:\n\n1.\tImplement session
initiation, management and termination on your DragonBoard™ 410c using SIP.\n2.\tDiscover other users
and exchange device capabilities.\n3.\tCompare and contrast narrowband and wideband codecs and
experience the voice quality differences between them.\n4.\tImplement and demonstrate VoIP calls using
the DragonBoard 410c.",
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want to work at a game studio, start your own business or make games as a hobby, recognizing the
dynamic landscape of the videogame industry is critical to finding your place. This course will
introduce you to game production, project management, teamwork skills, and how to position your game
ideas and yourself in the broader marketplace. By the end of the course, you will be able to develop an
impactful portfolio of game work to get noticed and/or develop an effective business plan to bring your
game to market.",
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{
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  "description": "How can we live a good life on one planet with over seven billion people? \n\nThis
course will explore greening the economy on four levels – individual, business, city, and nation. We

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complexities and solutions across the levels. Scandinavia, a pioneering place advancing sustainability and combating climate change, is a unique starting point for learning about greening the economy. We will learn from many initiatives attempted in Scandinavia since the 1970s, which are all potentially helpful and useful for other countries and contexts.

The International Institute for 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.

5-8 hours/week
5 weeks duration
40 films
20 teachers",

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techniques that include parity check, polynomial code, and Internet checksum. Students will be required to have some previous programming experience in C-programming (C++/Java), some fundamental knowledge of computer organization and IT architecture and a background in computer science is a plus.",

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    "description": "Dieser einwöchige On-Demand-Schnellkurs baut auf dem Kurs \"Google Cloud Platform Big Data and Machine Learning Fundamentals\" auf. Mit einem Mix aus Lernvideos, Demos und praxisorientierten Labs lernen Sie, wie Sie mit Google Cloud Pub/Sub und Dataflow Streamingdaten-Pipelines erstellen und die gewonnenen Erkenntnisse für Entscheidungen in Echtzeit nutzen können. Sie lernen auch, Dashboards zu erstellen, die gezielt für verschiedene Stakeholder-Gruppen Informationen abbilden.\n\nVoraussetzungen:\n• Abgeschlossener Kurs \"Google Cloud Platform Big Data and Machine Learning Fundamentals\" (oder gleichwertige Kenntnisse)\n• Kenntnisse in Java\n\nLernziele:\n• Anwendungsmöglichkeiten für Echtzeit-Streaminganalysen kennenlernen\n• Den asynchronen Messaging-Dienst Google Cloud Pub/Sub zur Verwaltung von Datenereignissen verwenden\n• Streaming-Pipelines schreiben und Transformationen ausführen, falls nötig\n• Die Streaming-Pipeline von beiden Seiten kennenlernen: Produktion und Nutzung\n• Dataflow, BigQuery und Cloud Pub/Sub für Echtzeit-Streaming und -Analysen einsetzen",
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authorship as our playground, we will explore the key concept of authorship attribution, while developing skills in literary analysis, 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.

For 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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teach learners the basic math you will need in order to be successful in almost any data science math course and was created for learners who have basic math skills but may not have taken algebra or pre-calculus. Data Science Math Skills 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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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>\n\nUpon successful completion of all three courses, students will:\n\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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  "description": "This course provides an introduction to Apigee API Platform On-Premises. The material walks you over Apigee product capabilities overview, architecture characteristics, technology stack and the fundamentals of topology design.\n\nAs part of the course key terminology, software organizational structure and architecture are covered. \n\nThe course represents the foundation for your understanding of Apigee API Platform On-Premises. The knowledge built on this course is a must for your understanding of the rest of the material on this specialization.\n\nThe second half of the course will focus on the installation of the Apigee API Platform on your on premise instance.",
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{
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  "description": "Welcome to Logistic Regression in R for Public Health Why logistic regression for public health rather than just logistic regression? Well there are some particular considerations for every data set and public health data sets have particular features that need special attention. In a word they are messy. Like the others in the series this is a hands on course giving you plenty of practice with R on real-life messy data with predicting who has diabetes from a set of patient characteristics as the worked example for this course. Additionally the interpretation of the outputs from the regression model can differ depending on the perspective that you take, and public health doesnot just take the perspective of an individual patient but must also consider the population angle. That said much of what is covered in this course is true for logistic regression when applied to any data set so you will be able to apply the principles of this course to logistic regression more broadly too. By the end of this course you will be able to explain when it is valid to use logistic regression and define odds and odds ratios and run simple and multiple logistic regression analyses in R and interpret the output ",
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    "description": "How can robots use their motors and sensors to move around in an unstructured environment? You will understand how to design robot bodies and behaviors that recruit limbs and more general appendages to apply physical forces that confer reliable mobility in a complex and dynamic world. We develop an approach to composing simple dynamical abstractions that partially automate the generation of complicated sensorimotor programs. Specific topics that will be covered include: mobility in animals and robots, kinematics and dynamics of legged machines, and design of dynamical behavior via energy landscapes.",
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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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    "specializations": "[]",
    "partnerIds": "['159']",
    "name": "Challenging Forensic Science: How Science Should Speak to Court"
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community-based strategies to improve the health and survival of mothers and babies.",
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  "name": "Childbirth: A Global Perspective"
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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•\tUnderstand how we got here and why it matters\n•\tUnderstand the complexities of the
current globalization (not all countries are the same)\n•\tEvaluate the effects of international trade
regulations on international business\n•\tEvaluate 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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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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{
  "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
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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.

Задания и видео разработаны на Python 2."

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    "partnerIds": "['176', '468']",
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    "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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    "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

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integrada totalmente funcional a medida que avanzamos a traves de los modulos de este curso. En el camino el alumno levará a cabo prácticas ágiles de desarrollo de softwar, numerosas herramientas que los ingenieros de software deben sabe cómo utilizar, y un marco de desarrollo de aplicaciones web integradas modernas.",

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    "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:\na) the epidemiology of obesity across time and place,\nb) theories to explain population obesity,\nc) the role of environments and economic resources in obesity\nd) basic concepts and tools of systems science,\ne) modeling energy-balance related behaviors in context,\nf) agent-based models, systems dynamic models, and social network models",
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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

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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 to:\n\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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    "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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    "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? \n• How do people connect with places in our modern cities? \n• Do places progress? \n• 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

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been explored, uncovered, and possibly transformed both within ourselves and our communities. \n\nA Teach-Out is: \n- an event - it takes place over a fixed, short period of time \n- an opportunity - it is open for free participation to everyone around the world \n- a community - it will be joined by a large number of diverse individuals \n- 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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    "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

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[https://extension.ucdavis.edu/certificate-program/professional-concentration-autism-spectrum-](https://extension.ucdavis.edu/certificate-program/professional-concentration-autism-spectrum-disorders)

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disorders",
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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",
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  "instructorIds": "['26632591']",
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  "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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  "description": "The Final Research Project consists of a research study that you will perform in collaboration with fellow learners. Together you will formulate a research hypothesis and design, come up with operationalizations, create manipulation and measurement instruments, collect data, perform statistical analyses and document the results. \n\nIn this course you will go through the entire research process and will be able to help determine what research question we will investigate and how we design and perform the research. This is an invaluable experience if you want to be able to critically evaluate scientific research in the social and behavioral sciences or design and perform your own studies in the future.",
  "id": "FgBcI0qwEeWzkQpjUi20vQ",
  "slug": "social-science-capstone",
  "instructorIds": "['959950']",
  "specializations": "[]",
  "partnerIds": "['131']",
  "name": "Methods and Statistics in Social Science - Final Research Project"
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"FIELD1": 119,
  "courseType": "v2.ondemand",
  "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.\n\nКаждое из 4-х занятий предполагает оценочные тесты и заключительное экзаменационное
задание.",
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  "instructorIds": "['16219699']",
  "specializations": "[]",
  "partnerIds": "['160']",
  "name": "Венчурный капитал"
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{
  "FIELD1": 120,
  "courseType": "v2.ondemand",
  "description": "The objectives of this course are:\n\n-To introduce participants to different
concepts of love, to empower them to be conscious of the power of love and the possibility of
practicing it in everyday life, and to highlight in particular the idea of love as a force for social
justice.\n\n-To communicate a sense of personal strength and empowerment by actively learning from each
other and beginning to define how participants can apply their learning in service to society.\n\nThis
course will explore the concept of agape love (compassion/kindness) as a force for social justice and
action and as the inspiration for service and the application of knowledge to positive social change.
Biological, psychological, religious, and social perspectives of love will be discussed, drawing on the
expertise of people from a variety of disciplines. \n\nDuring the six-week course, the following topics
will be raised and discussed: kinds of love/defining love; non-violent communication; love and the
biology of the brain; love as a basic concept of religious and ethical beliefs (e.g., Judaism,
Christianity, Islam, Buddhism, Gandhian); love applied in action, and poetic expressions of love as a
social force. This curriculum aims to foster a sense of the importance of love as a key phenomenon in
creating community, connection, and functional societies among humans.\n\nCourse materials will draw
from a variety of sources. One of the goals of the class is to provide participants with some knowledge
of the literature of love, and readings for the course are listed in the outline of the course on the
pages that follow.",
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  "slug": "love-social-justice",
  "instructorIds": "['3543363']",
  "specializations": "[]",
  "partnerIds": "['1']",
  "name": "Love as a Force for Social Justice"
},
{
  "FIELD1": 121,
  "courseType": "v2.capstone",
  "description": "Each course in F4E offers key insights and knowledge you will be able to apply in
real-life situations. You'll test drive those insights through activities and assessments that will
influence your key money Decisions, your participation in financial Markets, your experience in
preserving or creating Value, and in managing Debt. These activities are designed to immerse you in
financial thinking by giving you a safe environment for buying and selling and for making, creating,
simulating, writing, and teaching. Each activity is a milestone in your learning process and each
milestone has a product that will be part of your learning portfolio. The Capstone Project is the
culmination of your F4E experience. It will engage you in a series of scaffolded and reflective
exercises focused on a single aspect of the specialization selected by you to match your learning
goals, and will help you create a piece of work that reflects your new knowledge and showcases your new
skills for your employer, colleagues, friends and family.",

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"slug": "finance-capstone",
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"partnerIds": "['148']",
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{
  "FIELD1": 122,
  "courseType": "v2.ondemand",
  "description": "A blank canvas is full of possibility. If you have an idea for a user experience, how do you turn it into a beautiful and effective user interface? This covers covers principles of visual design so that you can effectively organize and present information with your interfaces. You'll learn concrete strategies to create user interfaces, including key lessons in typography, information architecture, layout, color, and more. You'll learn particular issues that arise in new device contexts, such as mobile and responsive interfaces. You will learn how to apply these design principles in a modern context of increasingly diverse form factors - from tablets, to walls, to watches.",
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  "instructorIds": "['1250']",
  "specializations": "[]",
  "partnerIds": "['53']",
  "name": "Information Design"
},
{
  "FIELD1": 123,
  "courseType": "v2.ondemand",
  "description": "In \"Engaging in Persuasive and Credible Communication\", you will learn the key skill of persuasion, in the context of professional communication in a globalised world. \n\nPersuasive communication is essential to any professional workplace. From a simple email request for your colleague to help you, to developing a presentation for the board of directors, these are acts of communication that require a good degree of persuasion. Even the process of entering the workforce requires effective persuasive communication, for in the act of writing your resume, cover-letter, or in the interview process, you are essentially persuading the potential employer to hire you.\n\nBy the end of this course, you will be able to structure and express your ideas in a convincing and persuasive manner in writing, apply basic principles of persuasive writing to convince different sets of audiences at the globalised workplace, and learn to engage in persuasive and credible communication across different cultures in a complex globalised environment.",
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  "slug": "persuasive-communication",
  "instructorIds": "['15700452', '2699776']",
  "specializations": "[]",
  "partnerIds": "['47']",
  "name": "Engaging in Persuasive and Credible Communication"
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{
  "FIELD1": 124,
  "courseType": "v2.ondemand",
  "description": "Do you need to write more easily and effectively in English? This course will provide the tools to help you do just that. You will develop your personal voice in your writing. You will develop strategies to plan and produce clear, understandable text. You will learn and practice specific writing skills to use in different types of business communications including cover letters, mission and vision statements, proposals , instructions and reports. You will organize, design and write clear text for Power Point Productions. Writing skills include how to choose correct noun and noun modifiers; how to choose correct verb forms and tenses; how to write a variety of clauses and sentences.\n\nAs you work through the course, you will complete self- and peer-evaluations. Many of the peer assignments will have 2 or more options so that you can choose the best path depending on your current situation. Through a combination of lectures, quizzes, supplementary resources, practice and performance, you'll gain the skills and confidence to write well in English for your business and professional purposes.",
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},
{
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  "description": "Developed by David Owens at Vanderbilt University and customized for the cultural sector with National Arts Strategies, this course is designed to help arts and culture leaders create an environment where new ideas are constantly created, shared, evaluated and the best ones are successfully put to work.\n\nOne of the toughest challenges for any leader is getting traction for new ideas. Winning support can be a struggle. As a result, powerful new ideas often get stuck. This is especially true in the cultural sector. People involved in arts and culture often have little time and even less money for experimentation and risks. This course will help those in the performing arts, museums, zoos, libraries and other cultural organizations build environments where new management and program ideas flourish.\n\nLeading Innovation in Arts & Culture will teach you how to make an \"innovation strategy\" a fundamental component of your organization's overall strategy. In this seminar you will learn to:\n\n- Analyze constraints on innovation in your organization, foresee obstacles and opportunities, and develop a shared vision\n- Develop a process to manage the demands of multiple stakeholders, shifting priorities and the uncertainty inherent in new initiatives\n- Create a culture for innovation and risk-taking that generates new perspectives and challenges existing practice\n- Create a strong customer focus within your organization that anticipates customer needs\n\nNational Arts Strategies worked with David Owens to customize this course for those working in the cultural sector. They based their work on David Owens' Leading Strategic Innovation in Organizations course. This highly interactive 8-week course will engage you in a series of class discussions and exercises.",
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  "specializations": "[]",
  "partnerIds": "['37', '227']",
  "name": "Leading Innovation in Arts and Culture"
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{
  "FIELD1": 126,
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  "description": "In App Design and Development for iOS, the third course of the iOS App Development with Swift specialization, you will be developing foundational programming skills to support graphical element presentation and data manipulation from basic functions through to advanced processing. You will continue to build your skill set to use and apply core graphics, touch handling and gestures, animations and transitions, alerts and actions as well as advanced algorithms, threading and more. By the end of this course you will be able to develop a more advanced, fully functioning app.\n\nCurrently this course is taught using Swift 2. The team is aware of the release of Swift 3 and will 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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  "slug": "ios-app-design-development",
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  "specializations": "[]",
  "partnerIds": "['11']",
  "name": "App Design and Development for iOS"
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{
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  "description": "This course will cover the steps used in weighting sample surveys, including methods for adjusting for nonresponse and using data external to the survey for calibration. Among the techniques discussed are adjustments using estimated response propensities, poststratification, raking, and general regression estimation. Alternative techniques for imputing values for missing items will be discussed. For both weighting and imputation, the capabilities of different statistical software packages will be covered, including R®, Stata®, and SAS®.",
  "id": "0HiU70e4EewTAQ4yevf_oQ",
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{
  "FIELD1": 128,
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  "description": "Do you want to communicate with English speakers fluently? Welcome to our course.
The course consists of 6 units with different topics: meeting new people, the people in your life,
eating in and eating out, the reason to learn English, good times and bad times, and hobbies. From this
course, you will have a good knowledge of conversational English skills in your daily life. We invite
you to learn with our teachers and friends from different countries in the videos, such as the United
States, the United Kingdom, Ireland, Canada, Australia, and Columbia. Are you ready? Let's go!",
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  "slug": "conversational-english-skills",
  "instructorIds": "['6937061', '41459758']",
  "specializations": "[]",
  "partnerIds": "['528']",
  "name": "Conversational English Skills"
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{
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  "description": "The blues is an American art form and the most important musical form in jazz.
Although there are other formal paradigms of the blues, such as 8-bar or 16-bar, this course focuses on
different incarnations of the 12-bar blues. There are considerable differences between Early Jazz
blues, Swing blues, Bebop blues, Modal blues, and Post Bop blues. Each type has its unique harmonic
syntax, melodic vocabulary and, associated with them, improvisational techniques. While other aspects
of jazz performance practice have been constantly changing from one stylistic convention to another,
the blues has never lost its identity and expressive power, and continues to exert a powerful influence
on the harmonic and melodic syntax of jazz.\n\nThis seven-week course explores important aspects of the
blues, blues improvisation, basic keyboard textures, jazz harmonic and melodic syntax. Topics include:
(1) Blues Progressions; (2) Blues and Other Scales; (3) Improvisational Tools, and others. This course
will also cover valuable theoretical concepts enabling the student to master the art of jazz
improvisation. Each topic will be introduced from a practical perspective with the clearly stated goal:
to improve one's improvisational skills. Jazz improvisation is rooted in spontaneity, creativity, self-
expression and, at the same time, self-control and order. A unique pedagogical approach based on a one-
to-one musical interaction conducted with different instrumentalists will help to reinforce many of the
concepts introduced in this course and realize its stated objectives.",
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  "slug": "the-blues",
  "instructorIds": "['16954597']",
  "specializations": "[]",
  "partnerIds": "['60']",
  "name": "The Blues: Understanding and Performing an American Art Form"
},
{
  "FIELD1": 130,
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  "description": "Are you concerned about climate change? Would you like to learn how to address and
respond to this challenge? If so, this course is for you. \n\nAct on Climate: Steps to Individual,
Community, and Political Action is intended to help learners understand, address and respond to climate
change as individuals and in partnership with their communities and political leaders. The course
focuses on how to translate learning into action on climate change in the areas of food, energy,
transportation and the built environment (cities). This course was co-developed and taught by Michaela
Zint, Professor of Environmental Education and Communication, and University of Michigan Students. A
range of academic climate change experts and professional leaders are featured.\n\nAs a result of
completing this course, you will be able to:\n\n1) Identify individual, community, and political
actions you can engage in to effectively address and respond to climate change.\n\n2) Describe how
insights from the social sciences can be employed to create change at the individual, community, and
political levels.\n\n3) Feel empowered to continue to influence how you, your community, and political
leaders address and respond to climate change.\n\nUse #UMichActonClimate on social media to share what
you're doing and connect with other learners.",
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},
{
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  "description": "In this course, the second in the Geographic Information Systems (GIS) Specialization, you will go in-depth with common data types (such as raster and vector data), structures, quality and storage during four week-long modules: \n\nWeek 1: Learn about data models and formats, including a full understanding of vector data and raster concepts. You will also learn about the implications of a data's scale and how to load layers from web services. \n\nWeek 2: Create a vector data model by using vector attribute tables, writing query strings, defining queries, and adding and calculating fields. You'll also learn how to create new data through the process of digitizing and you'll use the built-in Editor tools in ArcGIS.\n\nWeek 3: Learn about common data storage mechanisms within GIS, including geodatabases and shapefiles. Learn how to choose between them for your projects and how to optimize them for speed and size. You'll also work with rasters for the first time, using digital elevation models and creating slope and distance analysis products.\n\nWeek 4: Explore datasets and assess them for quality and uncertainty. You will also learn how to bring your maps and data to the Internet and create web maps quickly with ArcGIS Online.\n\nTake GIS Data Formats, Design and Quality as a standalone course or as part of the Geographic Information Systems (GIS) Specialization. You should have equivalent experience to completing the first course in this specialization, Fundamentals of GIS, before taking this course. By completing the second class in the Specialization you will gain the skills needed to succeed in the full program.",
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  "name": "GIS Data Formats, Design and Quality"
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{
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  "description": "In this course, participants will develop an understanding of the intuitive foundations of asset and investment valuation, and how alternative valuation techniques may be used in practice. This is part of a Specialization in corporate finance created in partnership between the University of Melbourne and Bank of New York Mellon (BNY Mellon). \n\nView the MOOC promotional video here: http://tinyurl.com/h75pzt6",
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  "slug": "valuation",
  "instructorIds": "['11799990', '11282268']",
  "specializations": "[]",
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  "name": "Alternative Approaches to Valuation and Investment"
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{
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  "description": "التحول الرقمي موضوع مثير للاهتمام، ولكن ماذا يُقصد به بالضبط؟ وماذا يعني للشركات؟ في هذه الدورة التدريبية، نتحدث عن التحول الرقمي بطريقتين. أولاً، نناقش وتيرة التغير والضرورة التي يفرضها لنجاح الأعمال. ثم نقدم سياق هذا التحول وما الذي يحتاج إليه لتحقيق النجاح في الذي يساعدك في تحديد المجالات الرئيسية التي يُمكن تحويلها، (BCG) عصر التكنولوجيا الرقمية. وبعد ذلك، نستعرض إطار ملكية مجموعة بوسطن الاستشارية وصف علم الاقتصاد الذي يرتكز--\n:بنهاية هذه الدورة التدريبية، ستتمكن من\n\n. إلى الصيغ الرقمية، ومنها الاستراتيجية، والعمليات الأساسية، والتكنولوجيا استخدام إطار مجموعة بوسطن الاستشارية--\nتقييم مزايا التكنولوجيا الرقمية الحالية التي تدفع التقدم وعبوبها--\nعليه الإبداع، والتكنولوجيا، واضطراب السوق\n،\nللتحول الرقمي كمرجع\n\n\"للتحول الرقمي لمنظمتك (BCG)\"،
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  "slug": "bcg-uva-darden-digital-transformation-ar",
  "instructorIds": "['1400787', '3401752', '22583591', '14206443']",
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  "partnerIds": "['345', '18']",
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{
  "FIELD1": 134,
  "courseType": "v2.ondemand",
  "description": "課程介紹

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\n

\n世上有許多事可以等待

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\n他的意識在形成
\n他的名字是「今天」
「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。
\n\n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。
\n\n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。
\n2) 建立對少年族群正確的觀念，破除相關迷思與刻板印象。
\n3) 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。
\n4) 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。
\n\n本課程之授課形式：
\n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。
\n\n本課程之修課背景要求：
\n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。
\n\nAbout the course (Course Introduction)
\n“Many things we need can wait.
\nThe child cannot.
\nNow is the time his bones are formed, his mind developed.
\nTo him we cannot say tomorrow, his name is today.”
--Gabriela Mistral
\n\nYouth 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.
\n\nIn 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.
\n\nIn 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.
\n\nThe objectives of the course are:
\n1) To have proper understanding of obstacles faced when implementing youth welfare and rights.
\n2) To establish the correct concept of youth group, and dispel related myths and stereotypes.
\n3) To have the basic knowledge of social work to empathize and assist in dealing with issues related to the welfare of youth.
\n4) 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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  "instructorIds": "['2072127']",
  "specializations": "[]",
  "partnerIds": "['75']",
  "name": "少年福利與權利 (Welfare and Rights of Youth)"
},
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  "FIELD1": 135,
  "courseType": "v2.capstone",
  "description": "El Proyecto Final de Conocimiento Aplicado de Wharton te permite aplicar tus habilidades analíticas a retos de negocios reales, incluyendo el tuyo. Usarás esas habilidades empresariales recientemente adquiridas, para evaluar de manera reflexiva una oportunidad o situación real de compañías dirigidas por Wharton como Televisa. También podrás preparar un análisis estratégico y plantear una solución a un reto al que se enfrente tu propia compañía u organización. Personal cualificado de Wharton evaluará los mejores trabajos, y equipos de dirección de Televisa revisarán los proyectos que obtengan mejor puntuación.",
  "id": "k1EoDdm3EewpMxLJs6PspQ",
  "slug": "wharton-proyecto-final-empresariales",
  "instructorIds": "['1349478']",
  "specializations": "[]",
  "partnerIds": "['6']",
  "name": "Proyecto de Fundamentos Empresariales de Wharton"
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{
  "FIELD1": 136,
  "courseType": "v2.ondemand",
  "description": "Este curso provee al estudiante con conceptos y herramientas matemáticas para modelar problemas en física, que al aplicar podrá enfrentar con éxito los cursos de física universitarios.\n\nAsí pues, la filosofía de este curso consiste en cubrir temas conceptuales relativos a la Física y desarrollar tu capacidad de aprender y aplicarlos en tu vida profesional.\n\nEl curso se aborda en dos fases a través de las cuales el alumno:\n\n- Aprenderá a aplicar el cálculo diferencial e integral para interpretar y modelar la cinemática de una partícula en una dimensión,\n- Aprenderá el manejo de cantidades físicas vectoriales en forma gráfica y analítica en dos y tres dimensiones.",
  "id": "pFHX98SQEewUVgrPm5MRqw",
  "slug": "fisica-universitaria",
  "instructorIds": "['3797221', '4360475', '3473689']",
  "specializations": "[]",
  "partnerIds": "['62']",
  "name": "Conceptos y Herramientas para la Física Universitaria"
},
{
  "FIELD1": 137,
  "courseType": "v2.ondemand",
  "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 будущем, и каким образом действовать сейчас, чтобы в новом научно-технологическом укладе Россия оказалась в числе лидеров.",
  "id": "UQ4TMNBPEeeMnQqxz228cg",
  "slug": "promyshlennost",
  "instructorIds": "['30509811']",
  "specializations": "[]",
  "partnerIds": "['176']",
  "name": "Промышленность, инженерное образование и наука: история и перспективы"
},
{
  "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, pregamos 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.",
  "id": "eGUHRneUEewtpg5GoAM5Iw",
  "slug": "td-desenvolvimento-de-software-guiado-por-testes",
  "instructorIds": "['1330144', '14963182']",

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"partnerIds": "['252']",
"name": "TDD - Desenvolvimento de Software Guiado por Testes"
},
{
  "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 land scape 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 of
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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  "instructorIds": "['14614731']",
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  "partnerIds": "['16']",
  "name": "Smart Cities - Management of Smart Urban Infrastructures"
},
{
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  "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

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Skills will help you to begin to think like a computer programmer and to understand how to go about writing Python programs. By 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. This 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.",

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{
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  "specializations": "[]",
  "partnerIds": "['13']",
  "name": "Python Programming Essentials"
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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 more interesting stories. We will breathe life into our characters and let them surprise us.",
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  "slug": "craft-of-character",
  "instructorIds": "['17099594']",
  "specializations": "[]",
  "partnerIds": "['34']",
  "name": "Creative Writing: The Craft of Character"
},
{
  "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. You 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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  "specializations": "[]",
  "partnerIds": "['35']",
  "name": "FinTech Risk Management"
},
{
  "FIELD1": 144,
  "courseType": "v2.ondemand",
  "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
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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.",
  "id": "Bkx-PB00Eea0YQ7Ij7lJXw",
  "slug": "python-text-mining",
  "instructorIds": "['20226469']",
  "specializations": "[]",
  "partnerIds": "['3']",
  "name": "Applied Text Mining in Python"
},
{
  "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.",
  "id": "kJKZg6jiEewoKQ4rUD57pQ",
  "slug": "malsoftware",
  "instructorIds": "['1347691']",
  "specializations": "[]",
  "partnerIds": "['26']",
  "name": "Malicious Software and its Underground Economy: Two Sides to Every Story"
},
{
  "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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    "slug": "aprendizaje-maquinas",
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    "partnerIds": "['58']",
    "name": "Aprendizaje de máquinas"
  },
  {
    "FIELD1": 148,
    "courseType": "v2.ondemand",
    "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 scénario 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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    "instructorIds": "['14896328', '8481820', '21122707']",
    "specializations": "[]",
    "partnerIds": "['210']",
    "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

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track, renal system, and the reproductive system.",
  "id": "nBmsoNbMEelahJ6QeV7ig",
  "slug": "medical-emergencies-cpr-toxicology-wilderness",
  "instructorIds": "['31865193', '31906087', '29207876', '37546177']",
  "specializations": "[]",
  "partnerIds": "['126']",
  "name": "Medical Emergencies: CPR, Toxicology, and Wilderness"
},
{
  "FIELD1": 151,
  "courseType": "v2.capstone",
  "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. \n\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.",
  "id": "zN_XyjIAEewCYBKNeFwojw",
  "slug": "web-design-project",
  "instructorIds": "['14130305', '122340']",
  "specializations": "[]",
  "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.",
  "id": "OmgIw0C2EewZtA4u62x6lQ",
  "slug": "qualitative-methods",
  "instructorIds": "['7649224']",
  "specializations": "[]",
  "partnerIds": "['131']",
  "name": "Qualitative Research Methods"
},
{
  "FIELD1": 153,
  "courseType": "v2.ondemand",
  "description": "This course introduces students to strategies for style writing of common practice European art music. The issues of harmonic progression, voice leading, and texture are addressed in addition to relevant compositional concepts like repetition, variation, and elaboration. The course aims to offer a creative space even within the restrictions of stylistic emulation.",
  "id": "fjjF0gVfEew0KyIACxqWig",
  "slug": "classical-composition",
  "instructorIds": "['2683051']",
  "specializations": "[]",
  "partnerIds": "['47']",
  "name": "Write Like Mozart: An Introduction to Classical Music Composition"
},
{
  "FIELD1": 154,
  "courseType": "v2.ondemand",
  "description": "In this class, we will derive equilibrium outcomes across a variety of market

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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.

Upon successful completion of this course, you will be able to:

- Explain how different market structures result in different resource allocations.
- 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.
- Evaluate the efficiency of an equilibrium.

Different market structures produce different levels of efficiency.

- Explain when and why the government might intervene with regulatory authority or antitrust litigation to lessen inefficiencies in some markets.
- Describe how information problems can cause inefficient outcomes.
- Understand externalities and consider optimal government response to these market failures.

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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    "id": "UwQkL5z8EeWJORITzkPnQ",
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    "instructorIds": "['16631679']",
    "specializations": "[]",
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the function of a protein even if it has been bombarded by so many mutations compared to similar proteins with known functions that it has become barely recognizable. This is the case, for example, in HIV studies, since the virus often mutates so quickly that researchers can struggle to study it. The approach we will use is based on a powerful machine learning tool called a hidden Markov model.\n\nFinally, you will learn how to apply popular bioinformatics software tools applying hidden Markov models to compare a protein against a related family of proteins.",

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analysis. You will learn how relational databases work, and how to use entity-relationship diagrams to display the structure of the data held within them. This knowledge will help you understand how data needs to be collected in business contexts, and help you identify features you want to consider if you are involved in implementing new data collection efforts. You will also learn how to execute the most useful query and table aggregation statements for business analysts, and practice using them with real databases. No more waiting 48 hours for someone else in the company to provide data to you - you will be able to get the data by yourself!\n\nBy the end of this course, you will have a clear understanding of how relational databases work, and have a portfolio of queries you can show potential employers. Businesses are collecting increasing amounts of information with the hope that data will yield novel insights into how to improve businesses. Analysts that understand how to access this data - this means you! - will have a strong competitive advantage in this data-smitten business world."

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Through cases, articles, and experiential learning, learners will gain expertise in how to identify and evaluate opportunities; interpret, analyze, and build financial models to enable high-growth ventures; practice living life as an entrepreneurial leader; and create a new product or service for the Chinese market."

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    "description": "This six-week course titled Doing Business in Europe is the second in a series of three exploring some of the main business aspects of European Union law. Besides providing learners with a sound knowledge base of European laws and regulations relevant to establishing and managing a company within the European Union, the course also explores business considerations within a broader perspective by including inputs from leading law practitioners in the field. More specifically, the course discusses strategic and financial considerations within Company law, as well as Labour law issues such as restructuring enterprises, working conditions and handling crises situations. The course also examines other legal areas such as Tax law, Environmental law and Private International law, and how they tie in to doing business in Europe.\n\nAt the end of this course, you will have a basic understanding of how to:\n\n· Understand the relevant regulations governing the internal European Union market\n\n· Establish and run a company within the European Union\n\n· Employ staff and recognize workers' rights and obligations\n\n· Comply with tax regulations and environmental standards\n\n· Set up agreements and resolve cross-border disputes\n\n· Successfully analyse EU case law and draft case reports\n\n\nAbout the Series\n\nThe 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

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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/ebmooc/>

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. Introduction

Module 2. Legal Method and Sources

Module 3. Constitutional Freedoms and Fundamental principles

Module 4. Freedom of Movement

Module 5. The External Dimension

Course II - Doing Business in Europe

Module 1. Making Business Transactions

Module 2. Establishing a Company

Module 3. Employing and Working in Europe

Module 4. Paying Taxes and Complying with Environmental Standards

Module 5. Case Clinic

Module 6. Resolving Cross-border Disputes

Course III - Competing in Europe

Module 1. Trademarks as essential Assets

Module 2. Defending Patents

Module 3. Competition: Illegal Agreements

Module 4. Competition: Abuse of Dominance and Mergers

Module 5. Legal Writing and Argumentation

Module 6. Selling to the State and State Aid

Lund University

Lund 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.

The 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.

The 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.

The 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.

The 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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optimizing for different platforms. \n\nThis is an intermediate course, intended for people who are
ready for their first paying roles as Unity programmers, or enthusiasts who would like to verify their
skills against a professional standard. To succeed, you should have at least 1-2 years of experience
programming interactive applications in Unity. You should be proficient at programming in the C#
language and familiar with Unity's scripting APIs. You should have experience in the full product
development lifecycle, from concept to launch (and beyond). And you should understand multi-platform
development, including deploying applications to XR (AR and VR) platforms.",
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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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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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    "description": "This course will guide you through the final project for the Developing Your Musicianship Specialization. This course will continue to help you apply the musical concepts you learned throughout the specialization, enabling you to create and perform a 36-measure composition. Taught by Berklee College of Music professor George W. Russell, Jr., the course includes four videos in which George models each stage of the project. Through peer feedback and discussion, practice, and applying what you've learned, this final project will hone your skills as a musician.",
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"\"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\\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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активным российским фондом венчурных инвестиций. Фонд предоставляет инвестиции технологическим
компаниям на ранних этапах развития, проводит акселерационные программы и участвует в разработке
методов правового регулирования венчурной отрасли.\\n\\nПрограмма состоит из 5 недель. В течение первой
недели вы выработаете ряд гипотез о проблемах и потребностях людей, которых вы рассматриваете в
качестве своих клиентов. На второй неделе вы подробно расскажете о своих клиентах и их потребностях с
помощью карт эмпатии и выполните сегментирование рынка на основе профилей клиентов. В третьей и
четвертой неделях узнаете методы валидации клиентов, строящиеся на проблемных интервью с ними – вам
придется подготовить сценарии и провести собеседования. После того как вы выявите определенный набор
проблем, с которыми сталкиваются ваши потенциальные клиенты, вы оцените объем этого сегмента рынка и
жизнеспособность бизнеса, построенного вокруг него.\\n\\n\\nКроме видеолекций вы получите готовые полезные
материалы:\\n\\n– Список проверенных рыночных гипотез,\\n– Набор сценариев для проблемных интервью,\\n–
Записи/расшифровки нескольких интервью с клиентами,\\n– Наброски для ценностного предложения и\\n–
Таблица с оценкой рыночных сегментов.\\n\\n\\nПо завершении курса вы сможете:\\n\\n– Понимать основные
концепции предпринимательства (что такое: стартап, бизнес-модель, гипотеза, потребительский сегмент,
потребности и проблемы, hadi-циклы и их применение, а также как модель жизненного цикла рынка
технологий управляет бизнесом)\\n– Определять потребительские сегменты и потребности клиентов\\n–
Выполнять сегментирование рынка на основе потребностей клиентов и произвольных параметров\\n–
Разрабатывать и проверять профили клиентов с использованием карт эмпатии\\n– Строить гипотезы
относительно потребностей клиентов\\n– Проверять гипотезы с помощью проблемных интервью с клиентами\\n–
Подготавливать и проводить собеседования с клиентами\\n– Анализировать результаты проблемных интервью и
делать соответствующие выводы на их основе\\n– Составлять убедительные ценностные предложения,
основанные на результатах опросов клиентов\\n– Оценивать объем сегментов рынка и их жизнеспособность\\n–
Внедрять итерационный подход к работе над курсовым проектом, используя hadi-циклы.\" ,
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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

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will be needed to achieve the targets set by the European Commission for broadband diffusion.

Traditionally 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.

The course focuses on how private investors approach infrastructure projects from the standpoint of equity, debt, and hybrid instruments.

The 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.

In 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.

Course Format

The 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.

Suggested Readings

The course is designed to be self-contained, there are no obligatory readings that must be acquired outside of the course.

For students interested in additional study material, you may refer to:

- Gatti Stefano, "Project Finance in theory and practice", Academic Press, 2nd edition, 2012."

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  }
]

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Las 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 países que representa.

El Banco Interamericano de Desarrollo no garantiza la veracidad de la data incorporada en esta obra.

Puedes cambiar el idioma en Coursera de inglés al español utilizando la página de ajustes de tu cuenta. Para cambiar los ajustes en tu cuenta de Coursera sigue los siguientes pasos:

1. Ve a coursera.org
2. En la esquina derecha superior haz click en el pequeño triángulo invertido que está a lado de tu nombre y foto.
3. Haz click en 'Settings'.
4. Selecciona el recuadro debajo de 'Language' (idioma), selecciona español y salva los cambios realizados.

Coursera ofrece ayuda financiera a los estudiantes que no pueden pagar los cursos y necesitan de una beca. Los estudiantes con ayuda financiera podrán 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 aprobó la solicitud de ayuda financiera. Para aplicar haz click en la opción "Learn More and Apply" (aprende mas y aplica) debajo del menú a la izquierda.

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  "id": "gD7pn8syEeiPthLQFRat4A",
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  {
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    "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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    "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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projects: MAGIC and PARTICIPIA. 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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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 additional 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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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\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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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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},
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  "specializations": "[]",
  "partnerIds": "['287']",
  "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.",
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{
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  "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 «CML - Центр компьютерного инжиниринга СПбПУ», 3М, SWED-MOBIL, DDC.Lab, Media Price. В заданиях были использованы данные компании Mediascore, материалы маркетингового клуба КЛУМБА|ПОЛИТЕХ.\n\nЦель курса \nСформировать у слушателей представление о маркетинге как о рыночном подходе к управлению предприятием, на практических примерах показать его суть. \n\nРезультаты обучения и формируемые 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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  "name": "Problem Solving with Excel "
},
{
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  "specializations": "[]",
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{
  "FIELD1": 205,
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  "instructorIds": "['22997770']",
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  "name": "Building Resilient Streaming Systems on Google Cloud Platform en Français"
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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 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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{
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como o controle com realimentação funciona, e passara 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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    "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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  {
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your professional career.\n\nView our video: https://youtu.be/he4UWIGHxRY",
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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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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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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。是戰國中期的莊子，也是當代的我。蕭條異
代都同樣湧動著如風浪翻滾、層出不窮的普世之傷。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。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
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  "description": "Influencer marketing is the practice of engaging internal and industry experts with active networks to help achieve measurable business goals. \n\nThis course is about strategy. Although there is no all-purpose, one-size-fits-all influencer marketing strategy template, you will learn how to tailor one for a wide variety of B2B, B2C, and nonprofit organizations using the two-step flow model of communication.\n\nBut this course is also about tactics. I believe, “Strategy without tactics is the slowest route to victory. Tactics without strategy is the noise before defeat.” So, you will learn both in this 6-week long course.\n\nYour final project for this course is to create a pitch deck for a social media influencer strategy. The purpose of your final project is to give you a concrete artifact that you can use to demonstrate your mastery of new competencies and skills to either the executives in your current organization or to prospective employers.",
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{
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  "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.",
  "id": "V1LC102NEewEHLwpfV5DQ",
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  "name": "Leadership Through Marketing"
},
{
  "FIELD1": 221,
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  "description": "This course is aimed at everyone with an interest in entrepreneurship and innovation. This includes graduate and undergraduate students, current, past, and future entrepreneurs, managers of innovative firms, or managers in charge of leading innovation in their company. There is no formal prerequisite for this course. \n\nThroughout the course you'll be exposed to an in-depth analysis of four applied case studies of successful ventures, as well as both theoretical and applied frameworks that will help you to better design and manage your organization. To begin, we recommend you take a few minutes to explore our website. Click on Course Content on the left to see what material

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to pass the course. Click Discussions to see the forums where you can discuss the course material with fellow students taking the class. Be sure to introduce yourself to everyone in the Meet and Greet forum!\n\nThis course should take you about 4 weeks to complete. By the time you finish it, you'll have learned to:\n\n• Evaluate the value-creating potential of your business idea and design the business model that is best suited to capture this value\n• Manage talent and creativity by structuring the right incentives for existing employees as well as design strategies to retain and attract the very best talent\n• Design formal organization structures that fit with the strategy of your business and the culture of your organization\n• Understand and manage norms guiding behavior in organizations\n• Recognize and manage bottlenecks hampering organizational growth\n\nWe really hope that you'll enjoy the learning journey ahead. Good luck as you get started and we look forward to seeing you in class!\n\nProfs. Giada Di Stefano and Tomasz Obloj and HEC Paris Digital Learning\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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{
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{
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  "description": "Este curso forma parte de una secuencia con la que se propone un acercamiento a la Matemática Preuniversitaria que prepara para la Matemática Universitaria.\nEn él se asocia un significado real con el contenido matemático que se aprende y se integran tecnologías digitales en el proceso de aprendizaje. \nSe propone la reinterpretación de los contenidos matemáticos relativos a Modelos con Radicales y Exponentes en términos de nociones y procesos del Cálculo Diferencial. Esto servirá como puente para el desarrollo de un pensamiento matemático avanzado con el que se trabajará en la Matemática Universitaria. El período de acreditación para la materia Introducción a las Matemáticas ha concluido. La última fecha para recibir certificados de Coursera es 24 de julio 2017. Informaremos oportunamente cuando la opción de acreditación esté disponible de nuevo. \n\nCurso con crédito académico para alumnos admitidos y aspirantes a ingresar a su primer semestre de un programa de
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credito academico para el curso de Introduccion a las matematicas (Matematicas Remedial), confirma tu interés en la acreditación a la cuenta: mooc@servicios.itesm.mx. Consulta las preguntas frecuentes para conocer el proceso de acreditación.",

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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.\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 déontologisme) ; 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善、正义、功用：哲学伦理学导论\n\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。
\n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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"FIELD1": 226,
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},
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  "description": "Do you want to develop skills to prototype embedded products using state-of-the-art technologies? In this course you will build a hardware and software development environment to guide your journey through the Internet of Things specialization courses. We will use the DragonBoard™ 410c single board computer (SBC). \n\nThis is the first in a series of courses where you will learn both the theory and get the hands-on development practice needed to prototype Internet of Things products. This 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:\n\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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  "slug": "internet-of-things-dragonboard-version2",
  "instructorIds": "['12279078', '12280323']",
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"description": "We introduce low-level TensorFlow and work our way through the necessary concepts and APIs so as to be able to write distributed machine learning models. Given a TensorFlow model, we explain how to scale out the training of that model and offer high-performance predictions using Cloud Machine Learning Engine.\n\nCourse Objectives:\nCreate machine learning models in TensorFlow\nUse the TensorFlow libraries to solve numerical problems\nTroubleshoot and debug common TensorFlow code pitfalls\nUse tf.estimator to create, train, and evaluate an ML model\nTrain, deploy, and productionalize ML models at scale with Cloud ML Engine",
  "id": "#NAME?",
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{
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  "description": "A partir de una historia del aprendizaje automático, analizamos por qué las redes neuronales, en la actualidad, ofrecen un alto rendimiento ante una variedad de problemas. Luego, analizaremos cómo configurar un problema de aprendizaje supervisado y encontrar una solución adecuada mediante el descenso de gradientes. Esto incluye crear conjuntos de datos que permitan la generalización; hablaremos sobre los métodos para hacerlo de una manera repetible que admita la experimentación.\n\nObjetivos del curso:\nIdentificar por qué el aprendizaje profundo es popular en la actualidad\nOptimizar y evaluar los modelos mediante las funciones de pérdida y las métricas de rendimiento\nMitigar los problemas comunes que surgen en el aprendizaje automático\nCrear conjuntos de datos de entrenamiento, evaluación y prueba, repetibles y escalables",
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  "slug": "launching-machine-learning-es",
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{
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  "description": "Las ciudades se han convertido en un foco de interés preferente para el análisis de políticas públicas. Con una concentración de personas cada vez mayor viviendo en contextos urbanos, las ciudades son hoy el escenario de un apasionante cambio de época que afecta la esfera social, política, económica y tecnológica ¿A qué nos referimos cuando hablamos de políticas urbanas y qué las distingue de otros ámbitos de las políticas públicas? ¿Cuáles son los principales factores de vulnerabilidad urbana y qué respuestas se están articulando en forma de políticas urbanas? ¿Cómo surge la innovación en la ciudad, tanto desde la base como desde las administraciones públicas? Y, finalmente, ¿qué efectos ha tenido la irrupción de la era digital en la ciudad?",
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  "name": "Ciudades en crisis y nuevas políticas urbanas"
},
{
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  "description": "Is your show accessible?\nWhen we ask about accessibility to shows, most people think about access for wheel chairs: the sitting arrangements and where their WC is accessible.\nWhen we ask for more details, people usually think about producing a show where persons with disabilities are performing, for example producing a show where there is some dancing with people on wheel chairs.\nAccessibility for us is a comprehensive concept that goes from purchasing a ticket through an accessible website to catching the bus back home after the performance on accessible public transport. Accessible webs, accessible web content, accessible transport, subtitling, audio description... the possibilities are endless.\nWhy is this course useful? \nTo make the venue and the production accessible to all citizens, and specially to persons with disabilities. The course will go through the many accessible services you can offer, and how to implement them in your venue or your production. The

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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?\n\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.\n\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. \n\n¡Acompáñanos! Y conoce más sobre nuestro hogar el planeta Tierra.",
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  },
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    "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. \n\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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\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": "This course taught 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 Insitute of Technology in Lausanne (EPFL). More information can be found here https://ceat.epfl.ch/",
  "id": "1vZ1g32lEewB-BLhFdaGww",
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  "specializations": "[]",
  "partnerIds": "['16']",
  "name": "African cities : An Introduction to Urban Planning"
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{
  "FIELD1": 237,
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  "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». ",
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  "partnerIds": "['179']",
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{
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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

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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.",

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  "name": "The Art of Vocal Production"
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{
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  "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 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).\n\nDr. 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.\n\nDr. 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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physical universe and its major constituents, including planetary systems, stars, galaxies, black
holes, quasars, larger structures, and the universe as a whole.",
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  "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.\n\nYou 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.\n\nCourse 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.\n\nAfter completing this course you will be able
to:\n\n  * Design medium complexity digital systems.\n  * Understand the description of digital
systems using high-level languages such as VHDL.\n  * Understand how computers operate at their most
basic level (machine language).",
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  "partnerIds": "['80']",
  "name": "Digital Systems: From Logic Gates to Processors"
},
{
  "FIELD1": 242,
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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.",
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{
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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

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regions du monde, pas seulement aux États-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 soyez 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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  },
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    "slug": "international-taxation",
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{
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  "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 First.",
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contained therein.",
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  "specializations": "[]",
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  "description": "Whether being used to customize advertising to millions of website visitors or streamline inventory ordering at a small restaurant, data is becoming more integral to success. Too often, we're not sure how use data to find answers to the questions that will make us more successful in what we do. In this course, you will discover what data is and think about what questions you have that can be answered by the data - even if you've never thought about data before. Based on existing data, you will learn to develop a research question, describe the variables and their relationships, calculate basic statistics, and present your results clearly. By the end of the course, you will be able to use powerful data analysis tools - either SAS or Python - to manage and visualize your data, including how to deal with missing data, variable groups, and graphs. Throughout the course, you will share your progress with others to gain valuable feedback, while also learning how your peers use data

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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): https://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 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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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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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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    "partnerIds": "['50']",
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technologically oriented society, operator-error by one individual can have a disastrous negative impact on public health and safety. Fatigue-related performance decrements are known to have contributed as causal factors to nuclear power plant failures, transportation disasters, and medical errors.",
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  "partnerIds": "['71']",
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  "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
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are used in the EV field. \n+ State the benefits and limitations of the most common isolation and characterization techniques for extracellular vesicles. + 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\n\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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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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finanzas. Tanto si diriges tu propio negocio como si te estas formando para ocupar un puesto de directivo, necesitarás entender la información financiera y ser capaz de interactuar con los contables o los directores financieros... En definitiva, ¡necesitarás hablar el lenguaje de los negocios!\n\nGracias a este curso, podrás aprender los fundamentos del lenguaje de los negocios. Una vez que lo hayas finalizado, podrás leer e interpretar los estados financieros para realizar diagnósticos empresariales y tomar decisiones y, lo que es más importante, contarás con una base teórica que te permitirá seguir profundizando en la contabilidad y en las finanzas por ti mismo. No olvides que, al igual que al aprender cualquier otra lengua, dominar la contabilidad requiere una práctica constante.",

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"description": "HI-FIVE (Health Informatics For Innovation, Value & Enrichment) 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. \n\nIf 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. \n\nAccreditation Statement\nThe 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.\n\nAMA Credit Designation Statement\nThe 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.\n\nThe 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.\n\nThis activity is eligible for 12 continuing nursing education (CNE) credits. \n\nColumbia University School of Nursing, Continuing Nursing Education Program is accredited as a provider of continuing nursing

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    "description": "本課程共有四周，介紹肺的功能、肺癌形成的原因、以及肺癌的分期與治療，完成課程後將對肺癌有初步的認識。 \n\n根據衛生福利部統計，民國105年台灣死於肺癌的人數高達9372人，這其中有許多是不吸煙，也沒有家族病史的病患，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

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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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    "specializations": "[]",
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    "name": "一堂課讓你認識肺癌 (Basic Concepts of Lung Cancer: Diagnosis and Treatment) "
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  {
    "FIELD1": 282,
    "courseType": "v2.ondemand",
    "description": "Dieser einwöchige On-Demand-Kompaktkurs baut auf folgendem Kurs auf: \"Google Cloud Plattform Big Data and Machine Learning Fundamentals\". In den von einem Kursleiter geführten Präsentationen, Demonstrationen und praktischen Labs erhalten die Teilnehmer eine Einführung in die managementfreie Datenverarbeitung in Data Warehousing, Analysen und Pipelines.\n\nVoraussetzungen:\n• Kurs: \"Google Cloud Plattform Big Data and Machine Learning Fundamentals\"\n• Erfahrung in der Verwendung einer SQL-ähnlichen Abfragesprache für die Datenanalyse\n• Python- oder Java-Kenntnisse\n\nHinweis zum Google-Konto:\n• Zum Registrieren für die kostenlose Google Cloud Plattform-Testversion benötigen Sie ein Google/Gmail-Konto sowie eine Kreditkarte oder ein Bankkonto. In China sind Google-Dienste derzeit nicht verfügbar.\n• Wenn Sie als Google Cloud Plattform-Kunde eine Rechnungsadresse in der EU oder in Russland haben, lesen Sie den Artikel \"Übersicht zur Mehrwertsteuer\" unter: https://cloud.google.com/billing/docs/resources/vat-overview\n• Weitere FAQ zur kostenlosen Google Cloud Plattform-Testversion finden Sie unter: https://cloud.google.com/free-trial/",
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    "name": "Serverless Data Analysis with Google BigQuery and Cloud Dataflow auf Deutsch"
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    "description": "Les collectivités territoriales et les services de l'Etat sont confrontés à de multiples enjeux : crise des finances publiques, augmentation des dépenses sociales, défiance croissante des administrés, concurrence des solutions proposées par des communautés numériques très agiles.\n\nLa bonne nouvelle, c'est que des solutions existent pour faire mieux avec moins ! L'innovation publique, c'est possible grâce aux apports de ce que l'on appelle la pensée design, qui permet de repenser le service offert à l'usager.\n\nCe MOOC a été réalisé en partenariat avec le Conseil départemental du Val d'Oise, pionnier dans la mise en oeuvre de ces approches. Son originalité ? Nous vous proposons une expérience d'apprentissage très riche basée à la fois sur l'expertise de spécialistes du sujet et sur l'expérience de nombreux acteurs publics de terrain, qui mettent en œuvre cette approche et apportent leur témoignage dans les différents modules.\n\nNotre objectif ? Vous donner les compétences pour coordonner un projet d'innovation publique s'appuyant sur une approche design de service, quels que soient le domaine et le contexte dans lesquels vous travaillez.\n\nBienvenue dans ce MOOC !\n\nThierry Sibieude et l'équipe pédagogique",
    "id": "V4tUmw1rEeei4BLIS97yDA",
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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，我们将在不久的将来推出“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

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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。

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，但需要你学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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    "FIELD1": 285,
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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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    "description": "The increased capabilities of a collection of logically interrelated databases distributed over a computer network enable scalable data processing. This course addresses the components of these systems, covering the following main topics: distributed database architectures, distributed data storage and indexing, distributed and parallel query processing/optimization, and concurrency control in distributed Parallel Database Systems.",
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    "description": "This course evaluates the medieval history of Toledo from the era of the Visigoth Kingdom (6th-8th centuries) through its Islamic period (8th to 11th centuries) and into its reintegration into Christian Spain (after 1085 c.e.) In particular, we take note of the cultural and religious transformations that characterized the city with a special effort to understand how many peoples and religions came to settle and live amongst one another. We will virtually-tour the Islamic and Christian structures of the Museo de Santa Cruz, Iglesia de San Román, Sinagoga del Tránsito, Mezquita de Bab al-Mardum, Archivo Municipal de Toledo, and the Archivo Historico de la 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-
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creation of the Cantigas de Santa Maria, 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": "['126']",
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  {
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    "description": "In this course, you will learn the science behind how digital images and video are made, altered, stored, and used. We will look at the vast world of digital imaging, from how computers and digital cameras form images to how digital special effects are used in Hollywood movies to how the Mars Rover was able to send photographs across millions of miles of space.\n\nThe course starts by looking at how the human visual system works and then teaches you about the engineering, mathematics, and computer science that makes digital images work. You will learn the basic algorithms used for adjusting images, explore JPEG and MPEG standards for encoding and compressing video images, and go on to learn about image segmentation, noise removal and filtering. Finally, we will end with image processing techniques used in medicine.\n\nThis course consists of 7 basic modules and 2 bonus (non-graded) modules. There are optional MATLAB exercises; learners will have access to MATLAB Online for the course duration. Each module is independent, so you can follow your interests.",
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    "name": "Image and Video Processing: From Mars to Hollywood with a Stop at the Hospital"
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  {
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    "specializations": "[]",
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  {
    "FIELD1": 290,
    "courseType": "v2.ondemand",
    "description": "This course, Learning Technologies Foundations and Applications, is one of the two four-week MOOC courses that form part of Instructional Design MasterTrack Certificate. \nAfter completing the course, you will be able to:\n1.\tIdentify suitable learning technology applications for problem-solving tasks.\n2.\tEvaluate learning 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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{
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"id": "awHm1_57EeSmPCIACyqGBw",
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{
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"description": "This course provides an unique opportunity for you to learn key components of text mining and analytics aided by the real world datasets and the text mining toolkit written in Java. Hands-on experience in core text mining techniques including text preprocessing, sentiment analysis, and topic modeling help learners be trained to be a competent data scientists. \\n\\nEmpowered by bringing lecture notes together with lab sessions based on the y-TextMiner toolkit developed for the class, learners will be able to develop interesting text mining applications.",
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"FIELD1": 293,
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"description": "Этот курс посвящен ключевым проблемам современной астрофизики: рождению, эволюции и финальной стадии жизни звезд. \\nНекоторые из них, например, нейтронные звезды отличаются сверхвысокой плотностью вещества и сверхсильными магнитными полями – такие условия пока недостижимы для современных лабораторий. Как же ученые исследуют эти объекты? \\nВ курсе вы познакомитесь с работой специалистов астрофизики высоких энергий и нейтринной астрономии и разберетесь, зачем люди изучают вспышки сверхновых, ускорение заряженных частиц на космических ударных волнах и высокоэнергетичные нейтрино.\\nА главы, посвященные теоретической и наблюдательной космологии, объяснят, как эта наука отвечает на вопросы о рождении Вселенной, динамике ее расширения и о формах материи ее заполняющих.",
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"specializations": "[ ]",
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},
{
"FIELD1": 294,
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    "description": "Spatial (map) is considered as a core infrastructure of modern IT world, which is substantiated by business transactions of major IT companies such as Apple, Google, Microsoft, Amazon, Intel, and Uber, and even motor companies such as Audi, BMW, and Mercedes. Consequently, they are bound to hire more and more spatial data scientists. Based on such business trend, this course is designed to present a firm understanding of spatial data science to the learners, who would have a basic knowledge of data science and data analysis, and eventually to make their expertise differentiated from other nominal data scientists and data analysts. Additionally, this course could make learners realize the value of spatial big data and the power of open source software's to deal with spatial data science problems.\n\nThis course will start with defining spatial data science and answering why spatial is special from three different perspectives - business, technology, and data in the first week. In the second week, four disciplines related to spatial data science - GIS, DBMS, Data Analytics, and Big Data Systems, and the related open source software's - QGIS, PostgreSQL, PostGIS, R, and Hadoop tools are introduced together. During the third, fourth, and fifth weeks, you will learn the four disciplines one by one from the principle to applications. In the final week, five real world problems and the corresponding solutions are presented with step-by-step procedures in environment of open source software's.",
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    "instructorIds": "['3734792', '3726726']",
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    "name": "Assessment for Learning"
  },
  {
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"partnerIds": "['8']",
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{
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  "instructorIds": "['14054880']",
  "specializations": "[]",
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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?\n\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.\n\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.",
  "id": "UDOU-36EeebcBJbr9YsJg",
  "slug": "gs10kw",
  "instructorIds": "['29616228', '40133130', '40133148', '40133174', '40133191', '40133217', '40133257']",
  "specializations": "[]",
  "partnerIds": "['289']",
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{
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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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    "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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    "name": "Vers l'infiniment petit - Voyages de l'infiniment grand à l'infiniment petit"
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    "name": "Conjunctions, Connectives, and Adverb Clauses"
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able to recognize dangers. This will allow you to improve your systems to a grown and sustainable level. \n\nIf you are an ICT professional or someone who designs and manages systems in big data environments, this course is for you! Knowledge about Big Data and IT is advantageous, but if you are e.g. a product manager just touching the surface of Big Data and privacy, this course will suit you as well.",

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},
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this course for your own personal, non-commercial use only in a manner consistent with a student of any academic course. Any other use of the content and materials, including use by other academic universities or entities, is prohibited without express written permission of the Georgia Tech Research Corporation. Interested parties may contact Dr. Wayne Whiteman directly for information regarding the procedure to obtain a non-exclusive license.",

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    "name": "Tricky American English Pronunciation"
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    "courseType": "v2.ondemand",
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    "name": "ООП и паттерны проектирования в Python"
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international graduate student studying in the United States.\n1. Introduce yourself professionally \n
a. Explain your expertise\n      b. Begin networking with members of your target institution\n2. Explore
the campus climate of your target institution\n      a. Identify the local vocabulary used at your
target institution to describe campus climate topics such as diversity, inclusion, or equity\n      b.
Identify skills and perspectives you can contribute to the diversity of your target institution\n3. For
collaboration\n      a. Use English to negotiate group roles\n      b. Use English to express
opinions\n4. For academic writing\n      a. Identify disciplinary norms in academic writing\n      b.
Cite source material appropriately in academic writing\n5. For improving English\n      a. Use at least
three digital resources to investigate language use\n      b. Use at least three digital resources to
practice English fluency\n      c. Use at least two new daily life opportunities to improve English for
academic, social, or teaching purposes",
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  "specializations": "[]",
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},
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financial accounting. Concise videos, the financial records of a small business, and \"your turn\"
activities guide you through the three most commonly used financial statements: the Balance Sheet, the
Income Statement, and the Statement of Cash Flows. Beyond recording transactions, you'll learn how to
prepare these financial statements, and read and analyze them to draw basic conclusions about a
company's financial health.\n\nBy the end of this course, you will be able to:\n- Use journal entries
to record transactions\n- Prepare and use t-accounts to summarize transactions recorded during an
accounting period\n- Describe the three most commonly used financial statements and how they fit
together\n- Prepare these financial statements based on transactions recorded during an accounting
period\n- Draw basic conclusions about a company's financial health",
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{
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рассмотрения и анализа трансформации международных финансов и их ключевых 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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  "specializations": "[]",
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to process data to make predictions about the behavior of individuals or markets, to diagnose systems
or situations, or to prescribe actions for people or processes drives business today. Increasingly many
businesses are striving to become “data-driven”, proactively relying more on cold hard information and
sophisticated algorithms than upon the gut instinct or slow reactions of humans. \n\nThis course will
focus on understanding key analytics concepts and the breadth of analytic possibilities. Together, the
class will explore dozens of real-world analytics problems and solutions across most major industries
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from business intelligence to data science, and from data warehouses to data lakes. And the course will wrap up with a discussion of analytics trends and futures.",

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    "name": "Essential Design Principles for Tableau"
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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

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compasso comuns como 4/4 e 3/4. Você aprenderá a construir acordes - triades 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. Além 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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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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  "name": "Functional Programming Principles in Scala"
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{
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  "specializations": [],
  "partnerIds": ["3"],
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{
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  "description": "This course will provide you will 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.\n\nOur applied curriculum is built around the latest handbook

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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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    "name": "Six Sigma Tools for Improve and Control"
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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. \n\nUpon successful completion of this course, you will be able to:\n•\tAccount for fixed assets\n•\tUnderstand accounting for liabilities\n•\tEvaluate shareholders' equity section of a balance sheet\n•\tUnderstand preparation and information provided by cash flows statement\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 onlinebba.illinois.edu.",
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    "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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    "specializations": "[]",
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  {
    "FIELD1": 351,
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    "description": "In this course you will learn about the importance of quality in healthcare and how

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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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    "instructorIds": "['4639533', '1337829']",
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    "name": "Building Cloud Services with the Java Spring Framework"
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    "description": "In this first course of the specialization, you will discover just 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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ситуации конфликта? \n дать ответы на эти вопросы - сущностное требование современности. \n Ответы 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 \n В 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 \n Сертификат 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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  {
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    "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 mathematical techniques to complete computer vision tasks. \n \n This 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 \n Material 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 \n This 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/OfxVUSCPXd0. \n \n * A free license to install MATLAB for the duration of the course is available from MathWorks.",
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rights, fair use, and remedies for infringement. \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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  "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.",
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  "specializations": "[]",
  "partnerIds": "['348']",
  "name": "Data Analysis with Python"
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{
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  "description": "College can be confusing and intimidating, but U101 can help. If you were just admitted to college and are nervous about what the next step in life might look like, this course is for you. If you are the parent of a newly admitted college student and curious about what college life is like, this course is also for you. \n\nWhile your specific college will, no doubt, provide additional orientation material, we wanted to give some basic information about what life might be like at a large American University. You might be years away from college or enrolled right now; either way, U101 has some excellent advice from college students, professors, administrators, and staff.\n\nAt the conclusion of the course, learners should:\n1. Understand the basics of how colleges and universities operate. \n2. Identify and describe what faculty are looking for in college-level academic work. \n3. List some effective study strategies. \n4. Identify some strategies for exploring and selecting a major. \n5. Identify the various types of grants and scholarships available and describe the steps involved in applying to these.\n6. Discuss the college life, with special attention to the benefits/limitations of living on or off campus. \n7. Identify some strategies for getting the most out of campus life activities (investigating student clubs, fraternities, sororities, etc.). \n\nThe course is divided into 4 weeks/8 lessons, which provide an overview of the different aspects of college life. If you were just watching the videos and looking at some of the links, the whole course would take about 4-5 hours. \n\nWeek 1\nLesson 1. Welcome to U101!\nLesson 2. Understanding the Nature of College\n\nWeek 2\nLesson 3. Succeeding as a Student\nLesson 4. Building Your Major\n\nWeek 3\nLesson 5. Financing Your Education\nLesson 6. Living On and Off Campus\n\nWeek 4\nLesson 7. Getting Involved in Campus Life\nLesson 8. Conclusion\n\nPlease join us for a short exploration of modern American Colleges. Hopefully, this course can help demystify your upcoming college experience.",
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    "description": "Au-dela des relations internationales classiques, le processus de mondialisation mobilise quantite d'acteurs economiques, sociaux et culturels, individuels et collectifs, qui agissent dans l'espace mondial. Nous etudions ensemble, Africains, Latino-americains et Europeens, comment il en derive de nouvelles relations internationales. Ce cours prend sa source dans les approches sociologique et historique francaises des relations internationales, comme celles promues en Afrique et en Amerique latine.\nBertrand Badie, Marie-Francoise Durand, Delphine Allès, Atta El Battahani, Carlos Milani, Gaïdz Minassian, Papa Samba Ndiaye, Karen Smith, Folashadé Soule-Kohndou.",
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    "description": "¡Hola!\n\n¡Bienvenidos 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 lo 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/disenio-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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  "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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  "partnerIds": "['199']",
  "name": "Greening the Economy: Sustainable Cities"
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{
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  "id": "Y2Lu2G4mEeeWCg71xNI1Jg",
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"\"name\": \"Diode - pn Junction and Metal Semiconductor Contact\"
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  \"instructorIds\": \"['22997770']\",
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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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  "instructorIds": "['6872692']",
  "specializations": "[]",
  "partnerIds": "['26', '349']",
  "name": "The Manager's Toolkit: A Practical Guide to Managing People at Work"
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{
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  "courseType": "v2.ondemand",
  "description": "Sensation seeking is a trait we all have and includes the search for complex and new experiences. Thrill Seekers, people with high-sensation seeking personalities, crave exotic and intense experiences even when physical or social risks are involved. This course helps learners examine the remarkable world of the high-sensation seeking personality and explores the lifestyle, psychology, and neuroscience behind thrill seekers.",
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  "instructorIds": "['663147']",
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  "name": "The Psychology of Thrill Seekers"
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  "FIELD1": 379,
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planetario. Esto nos muestra que Física, Química y Medio Ambiente mantienen una fructífera colaboración, que dura hasta nuestros días.\n\nFinalmente cabe destacar que fue necesario también incorporar la más nueva; las Estadísticas Ambientales, incorporada en nuestra región después de la “Convención Sobre Acceso a la Información, Participación del Público en la Toma de Decisiones y el Acceso a la Justicia en Asuntos Ambientales” o conocida también como Convención de Aarhus (1999).\nEsta disciplina, fundamentalmente, ha contribuido a sistemas nacionales de información ambiental, indicadores ambientales y de sostenibilidad.”,

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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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    "description": "Мир сильно изменился с тех времен, когда люди общались между собой 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.\nВ этом новом мире сетей старые приемы налаживания отношений не работают: журналистов печатных изданий не читают в бумажном варианте, маркетологи, делающие ставку только на офлайн-работу, разоряют компании, пиарщики и рекламисты лишаются офлайн-аудитории, HR-специалист, не умеющий работать в сетях, не получает достоверной информации о своих кандидатах.\nЕдинственный выход для профессионала: идти в Сеть, «ищите и обрящите»!\nНаш курс поможет вам узнать:\n1.\tКакие сети существуют и как меняется психология «человека виртуально-сетевого».\n2.\tПочему блогеры испытывают от своей деятельности б\оженство 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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    "partnerIds": "['276']",
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    "partnerIds": "['18']",
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  },
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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.\n\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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problems.\nPrerequisite Knowledge: You will need to have successfully completed my earlier course
“Mechanics of Materials I: Fundamentals of Stress and Strain and Axial Loading” in order to be
successful in this course\n\n-----\n\nThe copyright of all
content and materials in this course are owned by either the Georgia Tech Research Corporation or Dr.
Wayne Whiteman. By participating in the course or using the content or materials, whether in whole or
in part, you agree that you may download and use any content and/or material in this course for your
own personal, non-commercial use only in a manner consistent with a student of any academic course. Any
other use of the content and materials, including use by other academic universities or entities, is
prohibited without express written permission of the Georgia Tech Research Corporation. Interested
parties may contact Dr. Wayne Whiteman directly for information regarding the procedure to obtain a
non-exclusive license.",
    "id": "bU8nHhtHEeWo5g5SXpDA8Q",
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    "instructorIds": "['1900891']",
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soccer game determine goals, balls out of bounds, and corner kicks? You'll learn to do both of these
in this course!\n\nThis class teaches the concepts of nested if/else statements and compound Boolean
conditional expressions. For each concept, we'll start by helping you connect real-world experiences
you are already familiar with to the programming concept you are about to learn. Next, through a
cognitively scaffolded process we'll engage you in developing your fluency with problem solving with
nested if/else statements and compound conditionals in a way that keeps frustration at a minimum.
\n\nAlong the way you will learn about the common challenges or \"bugs\" students have with these
concepts as well as ways to help them find and fix those concepts. You'll also be guided in running
classroom discussions to help students develop deeper understanding of these concepts.\n\nFinally,
you'll prepare classroom resources to help your students to develop debugging skills. Additionally,
you will create resources to help educate your students about the impacts of lack of equity in K-12 CS
instruction.",
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    "partnerIds": "['53']",
    "name": "Computational Thinking for K-12 Educators: Nested If Statements and Compound Conditionals"
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  {
    "FIELD1": 388,
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    "description": "You should complete the VLSI CAD Part I: Logic course before beginning this
course.\n\nA modern VLSI chip is a remarkably complex beast: billions of transistors, millions of

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functions designed by third parties (called "intellectual property" or IP blocks). How do people manage to design these complicated chips? Answer: a sequence of computer aided design (CAD) tools takes an abstract description of the chip, and refines it step-wise to a final design. This class focuses on the major design tools used in the creation of an Application Specific Integrated Circuit (ASIC) or System on Chip (SoC) design. Our focus in this part of the course is on the key logical and geometric representations that make it possible to map from logic to layout, and in particular, to place, route, and evaluate the timing of large logic networks. Our goal is for students to understand how the tools themselves work, at the level of their fundamental algorithms and data structures. Topics covered will include: technology mapping, timing analysis, and ASIC placement and routing.

Recommended Background: Programming experience (C, C++, Java, Python, etc.) and basic knowledge of data structures and algorithms (especially recursive algorithms). An understanding of basic digital design: Boolean algebra, Kmaps, gates and flip flops, finite state machine design. Linear algebra and calculus at the level of a junior or senior in engineering. Elementary knowledge of RC linear circuits (at the level of an introductory physics class)."

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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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    "slug": "vital-signs",
    "instructorIds": "['3515023']",
    "specializations": "[]",
    "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.",
    "id": "4q10vWTrEee1VA7DqjUt-A",
    "slug": "packet-switching-networks-algorithms",
    "instructorIds": "['26632591']",
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    "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,

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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 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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    "instructorIds": "['31928967']",
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    "name": "Religious Transformation in Early China: the Period of Division"
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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",
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    "partnerIds": "['66']",
    "name": "Fundamentals of Fluid-Solid Interactions"
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  "instructorIds": "['10163079']",
  "specializations": "[]",
  "partnerIds": "['253']",
  "name": "System Validation (4): Modelling Software, Protocols, and other behaviour"
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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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dimensions techniques, environnementales, sociales, économiques et symboliques.\n\nLe cours parle
uniquement des villes africaines et même si celles-ci ont valeurs d'exemple pour les ville du Sud,
voire toutes les villes, nous nous efforçons à remettre les problématiques dans un contexte africain.",
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and how to implement a communication plan in the midst of humanitarian action.",
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capable of storing unstructured data. They therefore not only meet the performance, scalability, and
flexibility needs that data-intensive applications require but are essential to big data processing.
This course covers main NoSQL data management systems topics such as key-value stores, graph databases,
and document databases.",
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que se esconde detrás de los números. Este curso te ofrecerá precisamente esta perspectiva de las
finanzas, para que puedas aplicar un conocimiento más holístico de las cifras a la hora de tomar
decisiones—tanto a largo como a corto plazo—sobre la dirección que la empresa debe tomar respecto a
activos y pasivos corrientes, gestión del capital circulante y muchos otros conceptos contables. Cuando
termines el curso, comprenderás las consecuencias que tienen sobre las finanzas las decisiones tomadas
a nivel directivo en operaciones, marketing y otras áreas.",
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  "specializations": "[]",
  "partnerIds": "['172']",
  "name": "Finanzas para directivos"
},
{
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d'utilisation de Qwiklabs, telles que définies dans les questions fréquentes et disponibles à l'adresse
: https://qwiklabs.com/terms_of_service <<<\n\nCe 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

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Fundamentals (Core Infrastructure ou AWS Professionals) ou disposer d'une experience equivalente\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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(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• Elastic 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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understand how disruptive innovations create opportunity in finance industry and its impact to society
especially your career. You would be able to examine and analyse how FinTech innovations would affect
companies that relates to FinTech services and how it might affect your career in finance.\\n\\nYou will
learn about how peer to peer lending disrupt finance industry in different countries, the diversity of
impact by FinTech in the comparison of East vs West, Big firms vs Small firms, and different
generations etc., how to predict FinTech trends in different markets, and finally what you should do to
pursue your career and secure your position in FinTech industry.",
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  "description": "We all have to breathe to live. But the air we breathe is polluted both outdoors
and indoors. Each year, this pollution costs 7 million lives across the globe – and a lot of suffering.

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recent research in the field of health effects of air pollution as well as a broader understanding of sources and spread of air pollution and what we should do about it.\n\nWhat is air pollution? What are the sources? How and where are we exposed outdoors and indoors? What happens in the body? Which diseases are the result? Who are the most vulnerable? How can we assess the effects of air pollution? And what should we do to reach the Sustainable Development Goal to “substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution”? These are some of the important questions we will address in the course.\n\nDuring the course you will meet researchers and experts from the University of Copenhagen and the Technical University of Denmark. They work with different aspects of air pollution and health: toxicology, exposure assessment, epidemiology, engineering and health impact assessment. It is a global responsibility to combat the health impacts of air pollution, and this fight can only be won through new knowledge and global collaboration. \n\nWe hope you will join us in the course and equip yourself to take part in this global and individual health challenge.",

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services industry, basic principles and concepts of translation technology, information technology used in the process of language translation, how to use electronic dictionaries, Internet resources and corpus tools, practice of different computer-aided translation tools, translation quality assessment, basic concepts of machine translation, globalization, localization and so on. As a compulsory course for students majoring in Translation and Interpreting, this course is also suitable for students with or without language major background. By learning this course, students can better understand modern language service industry and their work efficiency will be improved for them to better deliver translation service.\n\nThe course is one of the PKU-DeTao MOOCs, which is a joint effort by Peking University and DeTao Masters Academy."

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  "description": "If you are a software developer who wants to build scalable AI-powered algorithms, you need to understand how to use the tools to build them. This course is part of the upcoming Machine Learning in TensorFlow Specialization and will teach you best practices for using TensorFlow, a popular open-source framework for machine learning. \n\nThe Machine Learning course and Deep Learning Specialization from Andrew Ng teach the most important and foundational principles of Machine Learning and Deep Learning. This new deeplearning.ai TensorFlow Specialization teaches you how to use TensorFlow to implement those principles so that you can start building and applying scalable models to real-world problems. To develop a deeper understanding of how neural networks work, we recommend that you take the Deep Learning Specialization. \n\nThe full deeplearning.ai TensorFlow Specialization will be available later this year, but you can get started with Course 1, Introduction to Tensorflow for AI, ML and DL, available now on Coursera.",
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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。 \n 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": "\"Mandarin Chinese 1: Chinese for Intermediate Learners\" is the first course of the MOOC specialization \"Learn Intermediate Mandarin Chinese\" created by Shanghai Jiao Tong University.",
    "id": "oaeb_GhiEeiWWA7RoN08_g",
    "slug": "mandarin-chinese-intermediate-learners-1",
    "instructorIds": "['9605606', '8847624', '35492428']",
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    "courseType": "v2.ondemand",
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de un problema dado es analoga a una poblacion de organismos vivos que evolucionan cada generacion, al recombinar los mejores individuos de la poblacion 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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{
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\n\nCourse Learning Objectives\n\nBy the end of the course, learners should be able
to:\n\n•\tArticulate key public health concepts related to global health;\n•\tAnalyze the key issues in global health from a number of perspectives;\t\n•\tDiscuss 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•\tAssess key health disparities, especially as they relate to the health of low-income and marginalized people in low- and middle-income countries; \n•\tOutline the key actors and organizations in global health and the manner in which they cooperate to address critical global health concerns;\n•\tReview key global health challenges that are likely to arise in the coming decades.\n\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-----
\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\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. \n\nThe 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
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now 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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  "name": "Data Collection and Processing with Python"
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  "description": "Imagine if there were an organ in your body that weighed as much as your brain, that affected your health, your weight, and even your behavior. Wouldn't you want to know more about it? There is such an organ – the collection of microbes in and on your body, your human microbiome.",
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  "instructorIds": "['7491005', '7956673', '8049296']",
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  "specializations": "[]",
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  "name": "Introduction to Cybersecurity for Business"
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{
  "FIELD1": 425,
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  "description": "Have you ever wished you knew how to program, but had no idea where to start from? This course will teach you how to program in Scratch, an easy to use visual programming language. More importantly, it will introduce you to the fundamental principles of computing and it will help you think like a software engineer.",
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  "name": "Parallel programming"
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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

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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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strategies for dealing with the real consequences of globalization.",

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世纪至清末的中日文化交流的历史。以文化艺术的交流为主线，以实地考察为背景展示了中日两国丰富灿烂的交流史实。通过中日双方在吸收对方文化过程中所表现出来的不同的受容方式剖析了中日文化之不同特性，可以帮助受课者准确地把握日本文化的内质，并启发其对自我民族历史文化之思考。生动的图片，倾心的讲授，可以让学习者在轻松愉快的氛围中完成六章的学习和有趣的试题，以期丰富学习者的人文积淀。",

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    "description": "Welcome to Performance Optimization in Unity, the fourth course in Unity's Gameplay Programming Specialization! \n\nThis course is exam preparation for Unity's Expert Gameplay Programmer Certification Exam. This course will challenge you with a series of realistic programming problems in Unity video-game projects, inspired by one or more of the topics covered in the Expert Gameplay

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optimizing for different platforms, understanding how platform differences can impact gameplay, using Asset Bundle configuration tools, gameplay debugging, and rendering optimization. By the end of this course, you will optimize a 3D "Dual-Stick Survivor" game project for WebGL. This 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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{
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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:\n\n• Latin America and Caribbean\n• Sub-Saharan Africa\n• Middle East and North Africa\n• Eastern Europe and Central Asia\n• East Asia and Pacific\n• South Asia\n\nIn 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).\n\nCourse Syllabus\n\nOverview \n\n'From Climate Science to Action' is divided into four weeks. The first two weeks will provide a comprehensive overview of the scientific evidence for climate change, followed by region-specific insights on the impacts of a warmer world in the 21st century. The last two weeks will focus on action strategies that are being undertaken in different regions and countries to meet the climate challenge, and how you as an individual can take action to avoid a warmer world!\n\nWeek 1: Climate Change in the 21st Century\n\n• Historical and projected observed changes in the climate system, leading up to the end of the 21st century\n• The potential of Intended Nationally Determined Contributions (INDCs) submitted at COP 21 from 187 countries to induce climate action\n• Trends in climate change impacts, including loss of Arctic sea ice, melting glaciers, increased heat waves and extreme temperatures, and drought and aridity \n• Possible responses from natural systems, explaining how warming could result in sea-level rise, heat waves and extreme temperatures, and ocean acidification\n\nWeek 2: Sectoral and Regional Impacts\n\n• Impacts on key development sectors—from warming above pre-industrial temperatures and projected climate trends—across each of the world's regions\n• Sectoral impacts focusing on agricultural production, water resources, ecosystem services, and coastal vulnerability for affected populations \n• 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\n\nWeek 3: From Science to Action on Climate Change\n\n• Region-specific discussions on mitigation actions needed to reduce emissions while decreasing vulnerability to climate change impacts through adaptation and by building climate resilience\n• 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 \n• Discussions on the progress of the Nationally Determined Contributions (NDCs), outcomes of the Paris Agreement and reflections from the Conference of Parties (COP)22\n\nWeek 4: What You Can Do\n\n• Transformative impact of day-to-day changes when brought to a global scale\n• The rationale for acting now, acting together and acting differently\n• Examples and expected benefits of mitigation and adaptation policies, considering both contributions to global emission reductions and local development opportunities\n\nIn 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:\n\n• Latin America and Caribbean\n• Sub-Saharan Africa\n• Middle East and North Africa\n• Eastern Europe and Central Asia\n• East Asia and Pacific\n• South Asia\n\nCourse Format\n\nThis 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: \n\n• Interactive video talks by renowned climate scientists and practitioners \n• Interactive tools: the Carbon Footprint Tracker, (I) NDC platform\n• Resources: Core, optional (deep dive) and fun interactives on the week's theme\n• Quizzes that check your knowledge, reinforce the lesson's material and provide immediate feedback\n• Assignments that will sharpen your skills of analysis, reflection and communication\n• Discussion forums and social media that enable collaboration with others from around the world, enriching interaction among participants\n• As a final project, you will create a digital artifact \n\nYou 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.\n\nRecommended Background: No background knowledge is necessary. The content of this course is designed to be accessible to students from any discipline.\n\nConnect: Communicate and share resources via Twitter using hashtag #learnclimate. Sign up for a free account at <http://twitter.com>",

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resources. People have been wondering about numbers' properties for thousands of years. And for thousands of years it was more or less just a game that was only interesting for pure mathematicians. Famous 20th century mathematician G.H. Hardy once said "The Theory of Numbers has always been regarded as one of the most obviously useless branches of Pure Mathematics". Just 30 years after his death, an algorithm for encryption of secret messages was developed using achievements of number theory. It was called RSA after the names of its authors, and its implementation is probably the most frequently used computer program in the world nowadays. Without it, nobody would be able to make secure payments over the internet, or even log in securely to e-mail and other personal services. In this short course, we will make the whole journey from the foundation to RSA in 4 weeks. By the end, you will be able to apply the basics of the number theory to encrypt and decrypt messages, and to break the code if one applies RSA carelessly. You will even pass a cryptographic quest!\n\nAs prerequisites we assume only basic math (e.g., we expect you to know what is a square or how to add fractions), basic programming in python (functions, loops, recursion), common sense and curiosity. Our intended audience are all people that work or plan to work in IT, starting from motivated high school students.",

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data and know how to recover your IT infrastructure in the case of a disaster.
• utilize systems administration knowledge to plan and improve processes for IT environments.",
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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 !
L'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.
Que 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 !
Bienvenue à tous et
bon parcours !
Thierry Sibieude et l'équipe pédagogique",
  "id": "3x9UKw40EeeYSwoRxfIRA",
  "slug": "reporting-extra-financier-strategie-rse",
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  "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).
The 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.
Upon successful completion of this course, you will be able to:
• Understand how
globalization impacts the psychological responses of consumers in global markets
• Understand what
culture is and how it manifests itself
• Understand how brands acquire cultural meanings
• Predict consumers' responses to the cultural meanings in brands
• Identify strategies to win-
over multi-cultural consumers in globalized markets
• Learn how to build an iconic brand
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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  "slug": "cultural-psychology-globalization",
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    "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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    "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. \n\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.",
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    "instructorIds": "['16329891', '153114']",
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    "name": "Deep Learning in Computer Vision"
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    "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 поясе», 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.",
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    "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

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    "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•\tHow to design Data Science workflows without any programming involved\n•\tEssential Data Science skills to design, build, test and evaluate predictive models\n•\tData Manipulation, preparation and Classification and clustering methods\n•\tWays to apply Data Science algorithms to real data and evaluate and interpret the results",
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    "name": "Code Free Data Science"
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    "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.",
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    "partnerIds": "['126']",
    "name": "Introduction to Clinical Data Science"
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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": "HTR8EGOBEEiNugquZebGCg",
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  "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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  "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.\n\nUS Teachers interested in this opportunity are also encouraged to follow the
link to learn more and www.coursera.org/tpd.\n\nOnce 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.\n\nCoursera 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.",
  "id": "MexarDV_EeWQBQrVFXqd1w",
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  "name": "Foundations of Teaching for Learning Capstone: The Reflective Practitioner"
},
{
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  "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

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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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"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: \nAfter completing this course, you will be able to:\n\n1) Understand what the cloud is and how it works.\n2) Install and configure the AWS CLI and SDK on a Linux system.\n3) Use various AWS services such as EC2, IoT, and many more.\n4) Build projects that heavily leverage the cloud.\n5) Integrate the cloud into embedded systems.",

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    "description": "毕业设计项目将综合5门课程所学知识，设计完成一个基于.Net平台的小型软件项目，以验证你是否具备了.Net应用程序开发的基本能力。\n\n项目具体要求如下：\n1. 该系统应该包括客户端和管理端；\n2. 客户端包括以下功能：\n①用户登录；\n②用户注册；\n③菜品订购；\n④购物车功能；\n⑤订单增、删、改、查功能；\n3. 管理端包括以下功能：\n①用户管理；\n②订单管理（增、删、改、查）；\n③菜品管理（增、删、改、查）；\n④统计管理（日销量、月销量、用户订餐细节）。\n\n如果你能够在.Net环境下利用C#语言独立完成毕设项目，说明你已经达到面向.Net框架的初级程序员水平。",
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  "slug": "negociacion",
  "instructorIds": "['3822163']",
  "specializations": "[]",
  "partnerIds": "['3']",
  "name": "Negociación exitosa: Estrategias y habilidades esenciales (en español)"
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    "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).",
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    "slug": "machine-learning-duke",
    "instructorIds": "['36385260']",
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    "name": "Introduction to Machine Learning"
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  {
    "FIELD1": 471,
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    "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:\n\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",
    "instructorIds": "['22249011']",
    "specializations": "[]",
    "partnerIds": "['336']",
    "name": "Introduction to Cisco Networking"
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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

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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.",

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    "partnerIds": "['123']",
    "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.",
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    "instructorIds": "['14296851']",
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    "partnerIds": "['3']",
    "name": "Mindware: Critical Thinking for the Information Age "
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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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    "partnerIds": "['71']",
    "name": "Introduction to Power Electronics"
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    "FIELD1": 475,
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    "description": "Welcome to \"Chinese Characters for beginner\"!\n\nThis is an elementary course on learning Chinese characters. Together, we will start from the basic element of Chinese characters--

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which begin with “一”(one), including pronunciation, shape and meaning, so that to improve the learning effect. \n\n③ Each Chinese character is with pinyin;\n\n④ Each Chinese character is shown in the form of animation in the process of writing, namely strokes;\n\n⑤ 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\n⑥ Each Chinese word is accompanied by Pinyin, English translation and picture, which is easy to understand;\n\n⑦ There are proper exercises at the end of each lesson.\n\nGood luck !",

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    "id": "LZZg6vhQEwfYgqb1xsdw",
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    "instructorIds": "['14780670']",
    "specializations": "[]",
    "partnerIds": "['163']",
    "name": "Chinese Characters for beginner 汉字"
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  {
    "FIELD1": 476,
    "courseType": "v2.ondemand",
    "description": "Apresentaremos o TensorFlow de baixo nível e trabalharemos com os conceitos e APIs necessários para gravar modelos de aprendizado de máquina distribuídos. Levando em consideração os modelos do TensorFlow, explicaremos como fazer o escalonamento horizontal do treinamento desse modelo e oferecer previsões de alto desempenho com o Cloud Machine Learning Engine.\n\nObjetivos do curso:\nCriar modelos de aprendizado de máquina no TensorFlow\nUsar as bibliotecas do TensorFlow para solucionar problemas numéricos\nResolver problemas e lidar com dificuldades comuns do código do TensorFlow\nUsar o tf_estimator para criar, treinar e avaliar modelos de aprendizado de máquina\nTreinar, implantar e produzir modelos de aprendizado de máquina em escala com o Cloud ML Engine",
    "id": "4IaPepXJEeir-RIKs5gHUA",
    "slug": "intro-tensorflow-br",
    "instructorIds": "['22997770']",
    "specializations": "[]",
    "partnerIds": "['443']",
    "name": "Intro to TensorFlow em Português Brasileiro"
  },
  {
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    "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 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",
    "id": "EZaf2jCPEee0w7S4sUhzA",
    "slug": "health-concepts-chinese-medicine",
    "instructorIds": "['28528464']",
    "specializations": "[]",
    "partnerIds": "['35']",
    "name": "Health Concepts in Chinese Medicine"
  },
  {
    "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,
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to effectively use the common neural network \"tricks\", including initialization, L2 and dropout regularization, Batch normalization, gradient checking, \n- 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. \n- Understand new best-practices for the deep learning era of how to set up train/dev/test sets and analyze bias/variance\n- Be able to implement a neural network in TensorFlow.

\n\nThis is the second course of the Deep Learning Specialization.",

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{
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  "specializations": "[]",
  "partnerIds": "['475']",
  "name": "Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization"
},
{
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  "courseType": "v2.ondemand",
  "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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  "instructorIds": "['4711045']",
  "specializations": "[]",
  "partnerIds": "['9']",
  "name": "Fundamentals of Engineering Exam Review"
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{
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  "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.",
  "id": "nW1dUu13Eea2mxLTB28_VA",
  "slug": "strategic-innovation-innovation-at-the-frontier",
  "instructorIds": "['26864992']",
  "specializations": "[]",
  "partnerIds": "['17']",
  "name": "Strategic Innovation: Managing Innovation Initiatives"
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{
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  "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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"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.",
"id": "iCIge_T6EeS-1yIAC7MN4w",
"slug": "experimental-methods",
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"specializations": "[]",
"partnerIds": "['27']",
"name": "Experimental Methods in Systems Biology"
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{
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  "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.",
"id": "W-hoIJw3EeWJORITtzkPnQ",
"slug": "wharton-launching-startup",
"instructorIds": "['16224543', '16532472', '16532358', '16531669', '3799837', '341966']",
"specializations": "[]",
"partnerIds": "['6']",
"name": "Entrepreneurship 2: Launching your Start-Up"
},
{
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  "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.",
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"specializations": "[]",
"partnerIds": "['100']",
"name": "Our Earth's Future"
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{
  "FIELD1": 485,
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  "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

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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 and plan how best to implement them.",

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    "specializations": "[]",
    "partnerIds": "['223']",
    "name": "Hôtel “De l'étoile” - a hotel in crisis? "
  },
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    "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. 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"
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    "FIELD1": 487,
    "courseType": "v2.ondemand",
    "description": "As health informaticists, we need to be very clear in our understanding of the current state (as-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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"partnerIds": "[8]",
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  "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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  "slug": "kotlin-for-java-developers",
  "instructorIds": "['35297068', '35636946']",
  "specializations": "[]",
  "partnerIds": "['523']",
  "name": "Kotlin for Java Developers"
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  "FIELD1": 490,
  "courseType": "v2.ondemand",
  "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 disrumpir 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 publiques 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,
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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, Julien 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!",

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    "id": "iU_-zKnCEeeF1RLK9c5stA",
    "slug": "blockchain-espanol",
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    "name": "La Disrupción del Blockchain"
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  {
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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": "6lQZLjVvEewfzhKP8GtZlQ",
    "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",
    "id": "LEKyOA4REeaX4g6xdats6w",
    "slug": "marketing-digital-pilares",
    "instructorIds": "['22139224', '22139241']",
    "specializations": "[]",
    "partnerIds": "['350']",
    "name": "Pilares de Marketing Digital"
  },
  {
    "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.",
    "id": "SV_hEA5YEeaX4g6xdats6w",
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    "specializations": "[]",
    "partnerIds": "['58']",
    "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.\n\nСлушатели будут лучше понимать финансовые

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защищенными от рыночных угроз, получают 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",
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    "instructorIds": "['17533334']",
    "specializations": "[]",
    "partnerIds": "['176', '440']",
    "name": "Рынки капитала и финансовые институты или \"О 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.\n\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\n\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 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.",
    "id": "Qjj3KjrWEeW0-Qq6rEZAow",
    "slug": "va-health-care",
    "instructorIds": "['1786868', '5080871']",
    "specializations": "[]",
    "partnerIds": "['3']",
    "name": "Service Transformed: Lessons in U.S. Veteran Centered Care"
  },
  {
    "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.",
    "id": "pXYrg_jbEeaRvRLVBNP8Xg",
    "slug": "introduction-virtual-reality",
    "instructorIds": "['24333271', '1620951']",
    "specializations": "[]",
    "partnerIds": "['26', '303']",
    "name": "Introduction to Virtual Reality"
  },
  {
    "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

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enhanced.",
  "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.",
  "id": "#NAME?",
  "slug": "ethics",
  "instructorIds": "['28515913']",
  "specializations": "[]",
  "partnerIds": "['17']",
  "name": "Professional Responsibility and Ethics for Accountants"
},
{
  "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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