id	title	id	title
6.0001	Introduction to Computer Science Programming in Python	6.525J	Medical Device Design
6.0002	Introduction to Computational Thinking and Data Science	6.541J	Speech Communication
6.01	Introduction to EECS I	6.542J	Laboratory on the Physiology, Acoustics, and Perception of Speech
6.02	Introduction to EECS II	6.544, 6.545	Advanced Topics in BioEECS
6.S03	Special Subject: Introduction to EECS II from a Medical Technology Pe...	6.551J	Acoustics of Speech and Hearing
6.07J	Projects in Microscale Engineering for the Life Sciences	6.552J	Signal Processing by the Auditory System: Perception
6.002	Circuits and Electronics	6.555J	Biomedical Signal and Image Processing
6.003	Signals and Systems	6.556J	Data Acquisition and Image Reconstruction in MRI
6.004	Computation Structures	6.561J	Fields, Forces, and Flows in Biological Systems
6.005	Elements of Software Construction	6.580J	Principles of Synthetic Biology
6.006	Introduction to Algorithms	6.581J	Foundations of Algorithms and Computational Techniques in Systems Bio...
6.007	Electromagnetic Energy: From Motors to Solar Cells	6.589J	Principles of Synthetic Biology
6.008	Introduction to Inference	6.608J	Introduction to Particle Accelerators
6.011	Introduction to Communication, Control, and Signal Processing	6.630	Electromagnetics
6.012	Microelectronic Devices and Circuits	6.631	Optics and Photonics
6.013	Electromagnetics and Applications	6.632	Electromagnetic Wave Theory
6.021J	Cellular Biophysics and Neurophysiology	6.634J	Nonlinear Optics
6.022J	Quantitative Systems Physiology	6.637	Optical Signals, Devices, and Systems
6.023J	Fields, Forces and Flows in Biological Systems	6.641	Electromagnetic Fields, Forces, and Motion
6.024J	Molecular, Cellular, and Tissue Biomechanics	6.642	Continuum Electromechanics
6.025J	Medical Device Design	6.644, 6.645	Advanced Topics in Applied Physics
6.033	Computer System Engineering	6.651J	Introduction to Plasma Physics I
6.034	Artificial Intelligence	6.652J	Introduction to Plasma Physics II
6.035	Computer Language Engineering	6.673	Introduction to Numerical Simulation in Electrical Engineering
6.036	Introduction to Machine Learning	6.685	Electric Machines
6.037	Structure and Interpretation of Computer Programs	6.690	Introduction to Electric Power Systems
6.041	Probabilistic Systems Analysis	6.695J	Engineering, Economics and Regulation of the Electric Power Sector
6.042J	Mathematics for Computer Science	6.701	Introduction to Nanoelectronics
6.045J	Automata, Computability, and Complexity	6.717J	Design and Fabrication of Microelectromechanical Systems
6.046J	Design and Analysis of Algorithms	6.719	Nanoelectronics
6.047	Computational Biology: Genomes, Networks, Evolution	6.720J	Integrated Microelectronic Devices
6.049J	Evolutionary Biology: Concepts, Models and Computation	6.728	Applied Quantum and Statistical Physics
6.050J	Information, Entropy, and Computation	6.730	Physics for Solid-State Applications
6.057	Introduction to MATLAB	6.731	Semiconductor Optoelectronics: Theory and Design
6.058	Preview of Signals and Systems	6.732	Physics of Solids
6.061	Introduction to Electric Power Systems	6.735, 6.736	Advanced Topics in Materials, Devices, and Nanotechnology
6.S062-6.S064	Special Subject in Electrical Engineering and Computer Science	6.763	Applied Superconductivity
6.070J	Electronics Project Laboratory	6.772	Compound Semiconductor and Heterostructure Devices
6.071J	Electronics, Signals, and Measurement	6.774	Physics of Microfabrication: Front End Processing
6.072J	Introduction to Digital Electronics	6.775	CMOS Analog and Mixed-Signal Circuit Design
6.073J	Creating Video Games	6.776	High Speed Communication Circuits
6.S076-6.S084	Special Subject in Electrical Engineering and Computer Science	6.777J	Design and Fabrication of Microelectromechanical Systems
6.S085-6.S099	Special Subject in Electrical Engineering and Computer Science	6.780J	Control of Manufacturing Processes
6.100	Electrical Engineering and Computer Science Project	6.781J	Nanostructure Fabrication
6.101	Introductory Analog Electronics Laboratory	6.789	Organic Optoelectronics
6.111	Introductory Digital Systems Laboratory	6.801	Machine Vision
6.115	Microcomputer Project Laboratory	6.802J	Foundations of Computational and Systems Biology
6.117	Introduction to Electrical Engineering Lab Skills	6.803	The Human Intelligence Enterprise
6.123J	Bioinstrumentation Project Lab	6.804J	Computational Cognitive Science
6.129J	Biological Circuit Engineering Laboratory	6.805J	Foundations of Information Policy
6.131	Power Electronics Laboratory	6.811	Principles and Practice of Assistive Technology
6.141J	Robotics: Science and Systems I	6.813	User Interface Design and Implementation
6.142J	Robotics: Science and Systems II	6.814	Database Systems
6.145	Autonomous Robot Design Competition	6.815	Digital and Computational Photography
6.146	Mobile Autonomous Systems Laboratory: MASLAB	6.816	Multicore Programming
6.147	The BattleCode Programming Competition	6.819	Advances in Computer Vision
6.148	Web Programming Competition	6.820	Foundations of Program Analysis
6.149	Introduction to Programming Using Python	6.823	Computer System Architecture
6.150	Mobile Applications Competition	6.824	Distributed Computer Systems Engineering
6.151	iOS Game Design and Development Competition	6.828	Operating System Engineering
6.152J	Micro/Nano Processing Technology	6.829	Computer Networks

6.441	Information Theory	6.999	Practical Experience in EECS
6.442	Optical Networks	6.EPE	UPOP Engineering Practice Experience
6.450	Principles of Digital Communication	6.EPW	UPOP Engineering Practice Workshop
6.452	Principles of Wireless Communication	6.S897-6.S899	Special Subject in Computer Science
6.453	Quantum Optical Communication	6.S911-6.S919	Special Subject in Electrical Engineering and Computer Science
6.454	Graduate Seminar in Area I	6.S963-6.S967	Special Studies: EECS
6.456	Array Processing	6.S974	Special Subject in Electrical Engineering and Computer Science
6.503	Foundations of Algorithms and Computational Techniques in Systems Bio...	6.S975-6.S979	Special Subject in Electrical Engineering and Computer Science
6.521J	Cellular Biophysics	6.THG	Graduate Thesis
6.522J	Quantitative Physiology: Organ Transport Systems	6.THM	Master of Engineering Program Thesis
6.524J	Molecular, Cellular, and Tissue Biomechanics	6.UR	Undergraduate Research in Electrical Engineering and Computer Science

Total 274 records, File: db/eecs/electrical-engineering-and-computer-science-mit2015

id	title	id	title
CS101	Introduction to Computing Principles	CS244	Advanced Topics in Networking (EE 284B)
CS103	Mathematical Foundations of Computing	CS244B	Distributed Systems
CS103A	Mathematical Problem-solving Strategies	CS244E	Networked Wireless Systems (EE 384E)
CS105	Introduction to Computers	CS245	Database Systems Principles
CS106A	Programming Methodology (ENGR 70A)	CS246	Mining Massive Data Sets
CS106B	Programming Abstractions (ENGR 70B)	CS246H	Mining Massive Data Sets Hadoop Lab
CS106L	Standard C++ Programming Laboratory	CS247	Human-Computer Interaction Design Studio
CS106X	Programming Abstractions (Accelerated) (ENGR 70X)	CS248	Interactive Computer Graphics
CS107	Computer Organization and Systems	CS249A	Object-Oriented Programming from a Modeling and Simulation Perspective
CS107E	Computer Systems from the Ground Up	CS254	Computational Complexity
CS108	Object-Oriented Systems Design	CS255	Introduction to Cryptography
CS109	Introduction to Probability for Computer Scientists	CS259D	Data Mining for Cyber Security
CS109L	Statistical Computing with R Laboratory	CS261	Optimization and Algorithmic Paradigms
CS10SC	Great Ideas in Computer Science	CS262	Computational Genomics (BIOMEDIN 262)
CS110	Principles of Computer Systems	CS263	Algorithms for Modern Data Models (MS&E 317)
CS122	Artificial Intelligence: Philosophy, Ethics, & Impact (SYMSYS 122)	CS264	Beyond Worst-Case Analysis
CS124	From Languages to Information (LINGUIST 180, LINGUIST 280)	CS265	Randomized Algorithms and Probabilistic Analysis (CME 309)
CS12SC	Computational Decision Making	CS266	Parameterized Algorithms and Complexity
CS131	Computer Vision: Foundations and Applications	CS267	Graph Algorithms
CS140	Operating Systems and Systems Programming	CS268	Geometric Algorithms
CS142	Web Applications	CS27	Literature and Social Online Learning (COMPLIT 239B, ENGLISH 239B)
CS143	Compilers	CS270	Modeling Biomedical Systems: Ontology, Terminology, Problem Solving (BIOMEDI...
CS144	Introduction to Computer Networking	CS272	Introduction to Biomedical Informatics Research Methodology (BIOE 212, BIOME...
CS145	Introduction to Databases	CS273A	A Computational Tour of the Human Genome (BIOMEDIN 273A, DBIO 273A)
CS147	Introduction to Human-Computer Interaction Design	CS274	Representations and Algorithms for Computational Molecular Biology (BIOE 214...
CS148	Introduction to Computer Graphics and Imaging	CS275	Translational Bioinformatics (BIOMEDIN 217)
CS149	Parallel Computing	CS275A	Symbolic Musical Information (MUSIC 253)
CS154	Introduction to Automata and Complexity Theory	CS275B	Music Query, Analysis, and Style Simulation (MUSIC 254)
CS155	Computer and Network Security (EE 287A)	CS276	Information Retrieval and Web Search (LINGUIST 286)
CS157	Logic and Automated Reasoning	CS279	Computational Biology: Structure and Organization of Biomolecules and Cells ...
CS161	Design and Analysis of Algorithms	CS294S	Research Project in Software Systems and Security
CS168	The Modern Algorithmic Toolbox	CS294W	Writing Intensive Research Project in Computer Science
CS170	Stanford Laptop Orchestra: Composition, Coding, and Performance (MUSIC 128)	CS298	Seminar on Teaching Introductory Computer Science (EDUC 298)
CS181	Computers, Ethics, and Public Policy	CS2C	Introduction to Media Production
CS181W	Computers, Ethics, and Public Policy (WIM)	CS300	Departmental Lecture Series
CS183B	How to Start a Startup	CS309A	Cloud Computing
CS190	Software Design Studio	CS316	Advanced Multi-Core Systems (EE 382E)
CS191	Senior Project	CS323	Automated Reasoning: Theory and Applications
CS191W	Writing Intensive Senior Project (WIM)	CS327A	Advanced Robotic Manipulation
CS192	Programming Service Project	CS334A	Convex Optimization I (CME 364A, EE 364A)
CS193A	Android Programming	CS341	Project in Mining Massive Data Sets
CS193C	Client-Side Internet Technologies	CS344G	(Your) Great Ideas for Networked Applications
CS193P	iPhone and iPad Application Programming	CS346	Database System Implementation
CS193W	Apple Watch Programming	CS347	Parallel and Distributed Data Management
CS194	Software Project	CS348B	Computer Graphics: Image Synthesis Techniques
CS194H	User Interface Design Project	CS369E	Topics in Analysis of Algorithms: Communication Complexity (for Algorithm De...
CS194W	Software Project (WIM)	CS371	Computational Biology in Four Dimensions (CME 371)
CS196	Computer Consulting	CS373	Statistical and Machine Learning Methods for Genomics (BIO 268, BIOMEDIN 245...
CS198	Teaching Computer Science	CS374	Algorithms in Biology (BIOMEDIN 374)
CS199	Independent Work	CS376	Human-Computer Interaction Research
CS199P	Independent Work	CS377D	Topics in Learning and Technology: d.compress - Designing Calm (EDUC 328A)
CS1C	Introduction to Computing at Stanford	CS390A	Curricular Practical Training
CS1U	Practical Unix	CS390B	Curricular Practical Training
CS202	Law for Computer Science Professionals	CS390C	Curricular Practical Training
CS204	Legal Informatics	CS390P	Part-time Curricular Practical Training
CS205A	Mathematical Methods for Robotics, Vision, and Graphics	CS393	Computer Laboratory
CS207	The Economics of Software	CS395	Independent Database Project
CS210A	Software Project Experience with Corporate Partners	CS399	Independent Project
CS210B	Software Project Experience with Corporate Partners	CS399P	Independent Project
CS210L	Introducing Software through Video Stories	CS402	Beyond Bits and Atoms: Designing Technological Tools (EDUC 236X)
CS211	Content Creation in Virtual Reality	CS42	Callback Me Maybe: Contemporary Javascript

id	title	id	title
CS221	Artificial Intelligence: Principles and Techniques	CS427	Hero's Journey: AI and Game Theory in 3D Real-time Storytelling
CS223A	Introduction to Robotics (ME 320)	CS448I	Computational Imaging and Display (EE 367)
CS224N	Natural Language Processing (LINGUIST 284)	CS45N	Computers and Photography: From Capture to Sharing
CS224U	Natural Language Understanding (LINGUIST 188, LINGUIST 288)	CS476A	Music, Computing, and Design I: Software Paradigms for Computer Music (MUSIC...
CS224W	Social and Information Networks	CS476B	Music, Computing, Design II: Mobile Music (MUSIC 256B)
CS225A	Experimental Robotics	CS499	Advanced Reading and Research
CS227B	General Game Playing	CS499P	Advanced Reading and Research
CS228	Probabilistic Graphical Models: Principles and Techniques	CS545	Information and Data Analytics Seminar
CS229	Machine Learning	CS546	Seminar on Liberation Technologies (POLISCI 337S)
CS229T	Statistical Learning Theory (STATS 231)	CS547	Human-Computer Interaction Seminar
CS231A	Computer Vision: From 3D Reconstruction to Recognition	CS54N	Great Ideas in Computer Science
CS231B	The Cutting Edge of Computer Vision	CS55N	Computer and Information Security
CS231M	Mobile Computer Vision	CS571	Surgical Robotics Seminar (ME 571)
CS231N	Convolutional Neural Networks for Visual Recognition	CS76N	Elections and Technology
CS232	Digital Image Processing (EE 368)	CS801	TGR Project
CS238	Decision Making under Uncertainty (AA 228)	CS802	TGR Dissertation
CS239	Advanced Topics in Sequential Decision Making (AA 229)	CS81N	Hackers and Heroes
CS240	Advanced Topics in Operating Systems	CS9	Problem-Solving for the CS Technical Interview
CS242	Programming Languages	CS91SI	Digital Canvas: Intro to Visual Design on the Web
CS243	Program Analysis and Optimizations		

Total 161 records, File: db/eecs/computer-science-stanford2015

id	title	id	title
EE100	The Electrical Engineering Profession	EE292B	Micro and Nanoscale Biosensing for Molecular Diagnostics
EE101A	Circuits I	EE292C	Chemical Vapor Deposition and Epitaxy for Integrated Circuits and Nanostruc...
EE101B	Circuits II	EE292H	Engineering and Climate Change
EE102A	Signal Processing and Linear Systems I	EE292I	Insanely Great Products: How do they get built?
EE102B	Signal Processing and Linear Systems II	EE292L	Nanomanufacturing
EE103	Introduction to Matrix Methods (CME 103)	EE292P	Power Management Integrated Circuits
EE108	Digital System Design	EE292T	SmartGrids and Advanced Power Systems Seminar (CEE 272T)
EE109	Digital Systems Design Lab	EE292X	Stanford's Little Box Challenge (EE 192X)
EE114	Fundamentals of Analog Integrated Circuit Design (EE 214A)	EE293A	Solar Cells, Fuel Cells, and Batteries: Materials for the Energy Solution (...
EE116	Semiconductor Device Physics	EE293B	Fundamentals of Energy Processes (ENERGY 293B)
EE118	Introduction to Mechatronics (ME 210)	EE300	Master's Thesis and Thesis Research
EE122A	Analog Circuits Laboratory	EE303	Autonomous Implantable Systems
EE122B	Introduction to Biomedical Electronics	EE304	Neuromorphics: Brains in Silicon (BIOE 313)
EE124	Introduction to Neuroelectrical Engineering	EE311	Advanced Integrated Circuits Technology
EE134	Introduction to Photonics	EE314A	RF Integrated Circuit Design
EE142	Engineering Electromagnetics	EE314B	Advanced RF Integrated Circuit Design
EE14N	Things about Stuff	EE315A	VLSI Signal Conditioning Circuits
EE152	Green Electronics	EE316	Advanced VLSI Devices
EE153	Power Electronics (EE 253)	EE323	Energy in Electronics
EE15N	The Art and Science of Engineering Design	EE327	Properties of Semiconductor Materials
EE168	Introduction to Digital Image Processing	EE331	Biophotonics: Light in Medicine and Biology
EE169	Introduction to Bioimaging	EE340	Optical Micro- and Nano-Cavities
EE178	Probabilistic Systems Analysis	EE346	Introduction to Nonlinear Optics
EE17N	Engineering the Micro and Nano Worlds: From Chips to Genes	EE349	Advanced Topics in Nano-Optics and Plasmonics
EE180	Digital Systems Architecture	EE356	Resonant Power Converters and Magnetic Design
EE190	Special Studies or Projects in Electrical Engineering	EE359	Wireless Communications
EE191	Special Studies and Reports in Electrical Engineering	EE364A	Convex Optimization I (CME 364A, CS 334A)
EE191A	Special Studies and Reports in Electrical Engineering	EE364B	Convex Optimization II (CME 364B)
EE191W	Special Studies and Reports in Electrical Engineering (WIM)	EE367	Computational Imaging and Display (CS 448I)
EE192X	Stanford's Little Box Challenge (EE 292X)	EE368	Digital Image Processing (CS 232)
EE203	The Entrepreneurial Engineer	EE369A	Medical Imaging Systems I
EE204	Business Management for Electrical Engineers and Computer Scientists	EE369B	Medical Imaging Systems II
EE204S	Business Management for Electrical Engineers and Computer Scientists	EE373A	Adaptive Signal Processing
EE212	Integrated Circuit Fabrication Processes	EE376A	Information Theory (STATS 376A)
EE213	Digital MOS Integrated Circuits	EE376B	Network Information Theory (STATS 376B)
EE214A	Fundamentals of Analog Integrated Circuit Design (EE 114)	EE376D	Wireless Information Theory
EE214B	Advanced Analog Integrated Circuit Design	EE377	Information Theory and Statistics (STATS 311)

EE216	Principles and Models of Semiconductor Devices	EE378B	Inference, Estimation, and Information Processing
EE21N	What is Nanotechnology?	EE379	Digital Communication
EE222	Applied Quantum Mechanics I	EE380	Colloquium on Computer Systems
EE223	Applied Quantum Mechanics II	EE382C	Interconnection Networks
EE225	Biochips and Medical Imaging (MATSCI 382, SBIO 225)	EE382E	Advanced Multi-Core Systems (CS 316)
EE228	Basic Physics for Solid State Electronics	EE384A	Internet Routing Protocols and Standards
EE230	Biophotonics: Light in Biology	EE384B	Multimedia Communication over the Internet
EE234	Photonics Laboratory	EE384E	Networked Wireless Systems (CS 244E)
EE236A	Modern Optics	EE384S	Performance Engineering of Computer Systems & Networks
EE236B	Guided Waves	EE385A	Robust and Testable Systems Seminar
EE236C	Lasers	EE387	Algebraic Error Control Codes
EE237	Solar Energy Conversion	EE390	Special Studies or Projects in Electrical Engineering
EE242	Electromagnetic Waves	EE391	Special Studies and Reports in Electrical Engineering
EE243	Semiconductor Optoelectronic Devices	EE392AA	Advanced Digital Transmission
EE251	High-Frequency Circuit Design Laboratory	EE392I	Seminar on Trends in Computing and Communications
EE252	Antennas	EE392N	INTELLIGENT ENERGY SYSTEMS
EE253	Power Electronics (EE 153)	EE392Q	Parallel Processors Beyond Multicore Processing
EE254	Advanced Topics in Power Electronics	EE392R	Analog-to-Digital Conversion
EE261	The Fourier Transform and Its Applications	EE392T	Seminar in Chip Test and Debug
EE262	Two-Dimensional Imaging	EE392X	Power Electronics Control and Energy-Aware Design
EE263	Introduction to Linear Dynamical Systems (CME 263)	EE395	Electrical Engineering Instruction: Practice Teaching
EE264	Digital Signal Processing	EE396	Engineering Education and Online Learning (EDUC 391X)
EE265	Digital Signal Processing Laboratory	EE400	Thesis and Thesis Research
EE266	Stochastic Control (MS&E 251)	EE402A	Topics in International Technology Management
EE271	Introduction to VLSI Systems	EE402T	Entrepreneurship in Asian High-Tech Industries
EE278	Introduction to Statistical Signal Processing	EE410	Integrated Circuit Fabrication Laboratory
EE279	Introduction to Digital Communication	EE412	Advanced Nanofabrication Laboratory
EE27N	Electronics Rocks	EE414	RF Transceiver Design Laboratory
EE282	Computer Systems Architecture	EE46	Engineering For Good: Save the World and Have Fun Doing It
EE284	Introduction to Computer Networks	EE469B	RF Pulse Design for Magnetic Resonance Imaging
EE284B	Advanced Topics in Networking (CS 244)	EE47	Press Play: Interactive Device Design
EE287A	Computer and Network Security (CS 155)	EE60N	Man versus Nature: Coping with Disasters Using Space Technology (GEOPHYS 60N)
EE290A	Curricular Practical Training for Electrical Engineers	EE65	Modern Physics for Engineers
EE290B	Curricular Practical Training for Electrical Engineers	EE801	TGR Project
EE290C	Curricular Practical Training for Electrical Engineers	EE802	TGR Dissertation
EE290D	Curricular Practical Training for Electrical Engineers		

Total 145 records, File: db/eecs/electrical-engineering-stanford2015

id	title	id	title
CS10	The Beauty and Joy of Computing	EE128	Feedback Control Systems
CS123	ISG Test Class	EE129	Neural and Nonlinear Information Processing
CS149	Introduction to Embedded Systems	EE130	Integrated-Circuit Devices
CS150	Components and Design Techniques for Digital System...	EE131	Semiconductor Electronics
CS152	Computer Architecture and Engineering	EE137A	Introduction to Electric Power Systems
CS160	User Interface Design and Development	EE140	Linear Integrated Circuits
CS161	Computer Security	EE141	Introduction to Digital Integrated Circuits
CS162	Operating Systems and System Programming	EE142	Integrated Circuits for Communications
CS164	Programming Languages and Compilers	EE143	Microfabrication Technology
CS168	Introduction to the Internet	EE144	Fundamental Algorithms for Systems Modeling, Analys...
CS169	Software Engineering	EE145A	(renamed to EE145L)
CS170	Efficient Algorithms and Intractable Problems	EE145B	Medical Imaging Signals and Systems
CS172	Computability and Complexity	EE145L	Introductory Electronic Transducers Laboratory
CS174	Combinatorics and Discrete Probability	EE145M	Intro Microcomputer Interfacing Lab
CS176	Algorithms for Computational Biology	EE147	Introduction to Microelectromechanical Systems
CS182	Neural Basis of Thought and Language	EE149	Introduction to Embedded Systems
CS184	Foundations of Computer Graphics	EE192	Mechatronics
CS186	Introduction to Database Systems	EE194	EE 194 Seminar Home Pages
CS188	Introduction to Artificial Intelligence	EE197	Field Study
CS191	Quantum Information Science and Technology	EE198	EE 198 Seminar Home Pages
CS194	CS 194 Seminar Home Pages	EE199	Supervised Independent Study
CS195	Social Implications of Computer Technology	EE20	Structure and Interpretation of Systems and Signals
CS198	CS98/198 Directed Group Studies for Advanced Undergraduates	EE201	Strategic Computing and Communications Technology
CS199	Independent Study	EE210	Applied Electromagnetic Theory
CS234	unknown	EE210B	Applied Electromagnetic Theory
CS24	CS Scholars Seminar	EE213	Soft X-Rays and Extreme Ultraviolet Radiation
CS249A	Introduction to Embedded Systems	EE215A	Introduction to Robotics
CS250	VLSI Systems Design	EE217	Microwave Circuits
CS252	Graduate Computer Architecture	EE218A	Introduction to Optical Engineering
CS254	Topics in VLSI Systems Design	EE219	unknown
CS260	Research Topics in Human-Computer Interaction	EE219A	Numerical Simulation and Modeling
CS260A	User Interface Design and Development	EE219B	Logic Synthesis for Hardware Systems
CS262	Advanced Topics in Computer Systems	EE219C	Computer-Aided Verification
CS262A	Advanced Topics in Computer Systems	EE220	Neural & Nonlinear Information Processing
CS263	Design of Programming Languages	EE220A	Advanced Control Systems I
CS264	Implementation of Programming Languages	EE220B	Experiential Advanced Control Design I
CS265	Advanced Programming Language Implementation	EE221A	Linear System Theory
CS266	Introduction to System Performance Analysis	EE222	Nonlinear Systems--Analysis, Stability and Control
CS267	Applications of Parallel Computers	EE223	Stochastic Systems: Estimation and Control
CS268	Graduate Computer Networking	EE224A	Digital Communication
CS274	Computational Geometry	EE224B	Fundamentals of Wireless Communications
CS275	unknown	EE225A	Digital Signal Processing
CS276	Cryptography	EE225B	Digital Image Processing
CS280	Computer Vision	EE225C	VLSI Signal Processing
CS281A	Statistical Learning Theory	EE225D	Audio Signal Processing
CS282	Algebraic Algorithms	EE226	unknown
CS283	Advanced Computer Graphics Algorithms and Techniques	EE226A	Random Processes in Systems
CS284	Computer-Aided Geometric Design	EE227A	Introduction to Convex Optimization
CS284A	Foundations of Computer Graphics	EE227BT	Convex Optimization
CS285	Solid Free-Form Modeling and Fabrication	EE228A	High Speed Communications Networks
CS286	Implementation of Database Systems	EE229	Information Theory and Coding
CS286B	Implementation of Data Base Systems	EE229A	Information Theory and Coding
CS287	Advanced Robotics	EE230	Solid State Electronics
CS288	Natural Language Processing	EE230A	Integrated-Circuit Devices
CS289	Knowledge Representation and Reasoning	EE230B	Solid State Devices
CS294	CS 294 Seminar Home Pages	EE230C	Solid State Electronics
CS297	Field Studies in Computer Science	EE231	Solid State Devices
CS298	CS 298 Seminar Home Pages	EE232	Lightwave Devices
CS299	Individual Research	EE233	Lightwave Systems
CS3	Introduction to Symbolic Programming	EE235	Nanoscale Fabrication
CS301	Teaching Techniques for Computer Science	EE236A	Quantum and Optical Electronics

CS302	Designing Computer Science Education	EE238	Superconductive Devices and Circuits
CS30S	unknown	EE239	Partially Ionized Plasmas
CS375	Teaching Techniques for Computer Science	EE24	Gadgets Electrical Engineers Make
CS39A	Introduction to Computer Animation	EE240	Analog Integrated Circuit Design and Analysis
CS39E	Freshman Seminar	EE240A	Analog Integrated Circuits
CS39J	The Art and Science of Photography	EE240C	Analysis and Design of VLSI Analog-Digital Interfac...
CS39K	Information Technology	EE241	Advanced Digital Integrated Circuits
CS39S	Photographic Technique in the Free Speech Movement and Today	EE241A	Introduction to Digital Integrated Circuits
CS3S	Intro to Symbolic Programming (Self Paced)	EE242	Advanced Integrated Circuits for Communications
CS4	Introduction to Computing for Engineers	EE242A	Integrated Circuits for Communications
CS47A	Completion of Work in Computer Science 61A	EE242B	Advanced Integrated Circuits for Communications
CS47B	Completion of Work in Computer Science 61B	EE243	Advanced IC Processing and Layout
CS47C	Completion of Work in Computer Science 61C	EE244	Fundamental Algorithms for Systems Modeling, Analys...
CS602	Individual Study for Doctoral Students	EE246	Microelectromechanical Systems (MEMS)
CS61A	The Structure and Interpretation of Computer Progra...	EE247	Analog-Digital Interfaces in VLSI Technology
CS61AS	The Structure and Interpretation of Computer Progra...	EE247A	Introduction to Microelectromechanical Systems
CS61B	Data Structures	EE249	Design of Embedded Systems: Models, Validation, Synthesis
CS61BL	Data Structures (UCWise section)	EE249A	Introduction to Embedded Systems
CS61C	Machine Structures	EE290A	Advanced Topics in Computer-Aided Design
CS61CL	Machine Structures (UCWise section)	EE290B	Advanced Topics in Solid State Devices
CS70	Discrete Mathematics and Probability Theory	EE290C	Advanced Topics in Circuit Design
CS84	Interactive Choreography in 3D Tele-Immersive Spaces	EE290D	Advanced Topics in Semiconductor Technology
CS98	CS98/198 Directed Group Studies for Advanced Undergraduates	EE290E	Advanced Topics in Electromagnetics and Plasmas
CS9A	Matlab for Programmers	EE290F	Advanced Topics
CS9B	Pascal for Programmers (Self Paced)	EE290G	(renamed to EE245)
CS9C	C for Programmers	EE290H	Semiconductor Manufacturing
CS9D	Scheme and Functional Programming for Programmers	EE290I	Advanced Topics in Wireless Communication
CS9E	Productive Use of the UNIX Environment	EE290J	Advanced Topics in Electrical Engineering
CS9E-1	(see CS9E)	EE290N	Advanced Topics in System Theory
CS9E-2	(see CS9E)	EE290N-1	Also: PACKARD, A K
CS9F	C++ for Programmers	EE290O	Advanced Topics in Control
CS9G	JAVA for Programmers	EE290P	Advanced Topics in Bioelectronics
CS9H	Python for Programmers	EE290Q	Advanced Topics in Networking
ATDP4	Academic Talent Development Program (ATDP)	EE290Q-1	Topics in Network Economics
ATDP5	Academic Talent Development Program (ATDP)	EE290S	Advanced Topics
ATDP6	Academic Talent Development Program (ATDP)	EE290T	Advanced Topics in Electrical Engineering
BE144	Bioengineering 144	EE290X	Strategic Computing and Communications Technology
CNM	Center for New Media	EE290Y	Organic Materials in Electronics
CSUML	UMass Lowell OPL at UC Berkeley	EE291	Control and Optimization of Distributed Parameters ...
CTEST	Prof Hilfinger's Contest	EE291E	Hybrid Systems and Intelligent Control
E77S	Scientific and Engineering Problem Solving	EE298	EE 298 Seminar Home Pages
EE104	Linear and Nonlinear Circuits	EE299	Individual Research
EE136	Introduction to Quantum and Optical Electronics	EE301	Teaching Techniques for Electrical Engineering
EE146	unknown	EE375	Also: SUBRAMANIAN, V
EECS1	Introduction to EECS	EE40	Introduction to Microelectronic Circuits
EECSBA1	Strategic Computing and Communications Technology	EE42	Introduction to Digital Electronics
N130	CalView EE130 - Integrated Circuit Devices	EE43	Introductory Electronics Lab
N140	CalView EE140 - Linear Integrated Circuits	EE84	Hands-on Ham Radio
N141	CalView EE141 - Introduction to Digital Integrated Circuits	EE97	Field Study
N142	CalView EE142 - Integrated Circuits for Communications	EE98	EE 98 Seminar Home Pages
N224	CalView EE224 - Digital Communication	EE99	Individual Study and Research for Undergraduates
N225C	CalView CS225C - VLSI Signal Processing	EECS120	Signals and Systems
N231	CalView EE231 - Solid State Devices	EECS150	Components and Design Techniques for Digital System...
N240	CalView EE240 - Analog Integrated Circuit Design and Analysis	EECS152	Computer Architecture and Engineering
N241	CalView EE241 - Advanced Digital Integrated Circuits	EECS20N	Structure and Interpretation of Signals and Systems
N242	CalView EE242 - Advanced Integrated Circuits for Communications	EECS245	Intro to MEMS Design
N243	CalView EE243 - Advanced IC Processing and Layout	EEH196A	Senior Honors Thesis Research
N245	CalView EE245 - Introduction to MEMS Design	EEW130	Integrated-Circuit Devices (MAS-IC)
N247	CalView EE247 - Analog-Digital Interfaces in VLSI Technology	EEW140	Linear Integrated Circuits (MAS-IC)
N250	CalView CS250 - VLSI Systems Design	EEW141	Digital Integrated Circuits (MAS-IC)
N252	CalView CS252 - Graduate Computer Architecture	EEW142	Integrated Circuits for Communications (MAS-IC)
N260	CalView CS260 - Research Topics in Human-Computer Interaction EE Classes	EEW230A	Integrated-Circuit Devices
EE100	Electronic Techniques for Engineering	EEW231	Solid-State Devices (MAS-IC)
EE105	Microelectronic Devices and Circuits	EEW240	Advanced Analog Integrated Circuits (MAS-IC)
EE117	Electromagnetic Fields and Waves	EEW240A	Analog Integrated Circuits

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|EE117B   | Electromagnetic Fields and Waves II              |EEW240B  | Advanced Analog Integrated Circuits                            |
|EE118    | Introduction to Optical Engineering              |EEW241   | Advanced Digital Integrated Circuits (MAS-IC)                  |
|EE119    | Introduction to Optical Engineering              |EEW241A  | Introduction to Digital Integrated Circuits                   |
|EE121    | Introduction to Digital Communication Systems    |EEW242   | Advanced Integrated Circuits for Communications (MAS-IC)       |
|EE122    | Introduction to Communication Networks           |EEW244   | Fundamental Algorithms for System Modeling, Analysis, and Optimization (MA...|
|EE123    | Digital Signal Processing                        |EEW245   | Introduction to MEMS Design (MAS-IC)                          |
|EE125    | Introduction to Robotics                         |EEW247   | Analysis and Design of VLSI Analog-Digital Interface Integrated Circuits (...|
|EE126    | Probability and Random Processes                 |EEW290C  | Advanced Topics in Circuit Design (MAS-IC)                    |
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Total 268 records, File: db/eecs/eecs-berkeley2015
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id	title	id	title
CB02201	Programming for Scientists	CB02651	New Technologies and Future Markets
CB02223	Personalized Medicine: Understanding Your Own Genome	CB02652	Fundamentals of Biotechnology
CB02250	Introduction to Computational BiologyThis Section Cancelled	CB02654	Biotechnology Enterprise Development
CB02251	Introduction to Computational Molecular Biology	CB02700	M.S. Thesis Research
CB02252	Introduction to Computational Cell Biology	CB02701	Current Topics in Computational Biology
CB02261	Quantitative Cell and Molecular Biology Laboratory	CB02702	Computational Biology Seminar
CB02450	Automation of Biological Research: Robotics and Machine Learning	CB02710	Computational Genomics
CB02500	Undergraduate Research in Computational Biology	CB02711	Computational Molecular Biology and Genomics
CB02510	Computational Genomics	CB02712	Computational Methods for Biological Modeling and Simulation
CB02512	Computational Methods for Biological Modeling and Simulation	CB02730	Cell and Systems Modeling
CB02530	Cell and Systems Modeling	CB02740	Bioimage Informatics
CB02600	M.S. ResearchThis Section Cancelled	CB02750	Automation of Biological Research: Robotics and Machine Learning
CB02601	Programming for Scientists	CB02760	Laboratory Methods for Computational Biologists
CB02602	Professional Issues in Computational Biology	CB02801	Computational Biology Internship
CB02613	Algorithms and Advanced Data Structures	CB02900	Ph.D. Thesis Research

Total 30 records, File: db/eecs/cmu/computational-biology-cmu2015

id	title	id	title
HCI05292	Learning Media Methods	HCI05688	Small Group Study in HCI
HCI05320	Social Web	HCI05689	Independent Study in HCI - Grad
HCI05341	Organizational Communication	HCI05771	HCI Process and Theory
HCI05391	Designing Human Centered Software	HCI05772	Social Perspectives in HCI
HCI05392	Interaction Design Overview: Interaction Design Overview	HCI05773	Computer Science Perspectives in HCI
HCI05395	Applications of Cognitive Science	HCI05774	Design Perspectives in HCII
HCI05410	User-Centered Research and Evaluation	HCI05775	Cognitive Perspectives in HCIIThis Section Cancelled
HCI05413	Human Factors	HCI05795	Applications of Cognitive Science
HCI05418	Design Educational Games	HCI05813	Human Factors
HCI05430	Programming Usable Interfaces	HCI05814	Perception
HCI05431	Software Structures for User Interfaces	HCI05818	Design Educational Games
HCI05432	Personalized Online Learning	HCI05820	Social Web
HCI05433	User Interface Lab: PUI Prototype Lab	HCI05821	Applied Research Methods: Qualitative
HCI05434	Machine Learning in Practice	HCI05822	Applied Research Methods: Quantitative
HCI05436	Usable Privacy and Security	HCI05823	E-Learning Design Principles: E-Learning Design Principles
HCI05499	Special Topics in HCI: Sensemaking	HCI05832	Personalized Online Learning
HCI05540	Rapid Prototyping of Computer Systems	HCI05833	Gadgets, Sensors and Activity Recognition in HCI
HCI05571	Undergraduate Project in HCI	HCI05834	Applied Machine Learning
HCI05589	Independent Study in HCI-UG	HCI05836	Usuable Privacy and Security
HCI05600	HCI Pro Seminar	HCI05837	Ubiquitous Computing
HCI05610	User-Centered Research and Evaluation	HCI05839	The Data Pipeline: Collecting and Using Data for Interactive Systems
HCI05630	Programming Usable Interfaces	HCI05863	Introduction to Human Computer Interaction for Technology Executives
HCI05631	Software Structures for User Interfaces	HCI05872	Rapid Prototyping of Computer Systems
HCI05633	User Interface Lab: PUI Prototype Lab	HCI05888	Practicum in HCI
HCI05650	Interaction Design Studio	HCI05891	Designing Human Centered Software
HCI05651	Interaction Design Fundamentals: Interaction Design Fundamentals	HCI05897	Web Accessibility: Web Accessibility
HCI05671	HCI Project	HCI05898	Special Topics: Presentation through Improvisational Acting
HCI05672	HCI Project II	HCI05899	Special Topics in HCI: Sensemaking
HCI05681	METALS Project 1	HCI05982	Independent Teaching Experience
HCI05682	METALS Project 2	HCI05997	Reading and Research in HCI

Total 60 records, File: db/eecs/cmu/human-computer-interaction-cmu2015

id	title	id	title
CS15050	Study Abroad	CS15592	Independent Study in Computer Science
CS15075	Computer Science Co-Op	CS15593	Independent Study in Computer Science
CS15090	Computer Science Practicum	CS15594	Independent Study in Computer Science
CS15104	Introduction to Computing for Creative Practice	CS15599	SCS Honors Undergraduate Research Thesis
CS15110	Principles of Computing	CS15602	Special Topic :Innovating for Underserved Communities: Field Research Basics
CS15112	Fundamentals of Programming and Computer Science	CS15603	Special Topics: Seminar on Innovating for Underserved Communities
CS15121	Introduction to Data Structures	CS15604	Immigration Course
CS15122	Principles of Imperative Computation	CS15605	Operating System Design and Implementaion
CS15128	Freshman Immigration Course	CS15611	Compiler Design
CS15129	Freshman Immigration Course II	CS15612	Operating System Practicum
CS15131	Great Practical Ideas for Computer Scientists	CS15615	Database Applications
CS15150	Principles of Functional Programming	CS15618	Parallel Computer Architecture and Programming
CS15199	Special Topics: Discovering Logic	CS15619	Cloud Computing
CS15210	Parallel and Sequential Data Structures and Algorithms	CS15623	Special Topic: Digital Signal Processing for Computer Science
CS15213	Introduction to Computer Systems	CS15624	ST: Foundations of Cyber-Physical Systems
CS15214	Principles of Software Construction: Objects, Design, and Concurrency	CS15637	Web Application Development
CS15221	Technical Communication for Computer Scientists	CS15640	Distributed Systems: Distributed Systems
CS15251	Great Theoretical Ideas in Computer Science	CS15641	Computer Networks
CS15291	Special Topic: Applied Computational Intelligence Lab	CS15648	Studio in Big Data Systems
CS15292	Special Topic: History of Computing	CS15649	Seminar Data Systems
CS15294	Special Topic: Rapid Prototyping Technologies	CS15650	Algorithms and Advanced Data Structures
CS15295	Competition Programming and Problem Solving	CS15651	Algorithm Design and Analysis
CS15296	Special Topic: Images of Computing	CS15652	Foundation Programming Languages
CS15302	Special Topic: Innovating for Underserved Communities: Field Research Basics	CS15657	Constructive Logic
CS15303	Special Topic: Seminar on Innovating for Underserved Communities	CS15659	Probability and Computing
CS15312	Foundations of Programming Languages	CS15661	Interaction and Expression using the Pausch Bridge LightingThis Section Can...
CS15313	Foundations of Software Engineering	CS15662	Computer Graphics
CS15314	Special Topic: Programming Language Semantics	CS15663	Computational Photography
CS15317	Constructive Logic	CS15664	Technical Animation
CS15319	Cloud Computing	CS15666	Computer Game Programming
CS15322	Introduction to Computer Music	CS15669	Masters Research
CS15348	Embedded Systems	CS15686	Neural Computation
CS15349	Introduction to Computer and Network Security	CS15689	Independent Study in the Computer Sciences
CS15351	Algorithms and Advanced Data Structures	CS15691	Practicum
CS15354	Computational Discrete Mathematics	CS15694	Special Topic: Cognitive Robotics
CS15355	Modern Computer Algebra	CS15697	Graduate Reading and Research
CS15359	Probability and Computing	CS15698	Graduate Reading and Research
CS15365	Experimental Animation	CS15712	Advanced Operating Systems and Distributed Systems
CS15381	Artificial Intelligence: Representation and Problem Solving	CS15719	Advanced Cloud Computing
CS15383	Introduction to Text Processing	CS15740	Computer Architecture
CS15386	Neural Computation	CS15744	Computer Networks: Computer Networks
CS15387	Computational Perception	CS15745	Optimizing Compilers for Modern Architectures
CS15390	Entrepreneurship for Computer Science	CS15746	Storage Systems
CS15410	Operating System Design and Implementation	CS15750	Graduate Algorithms
CS15411	Compiler Design	CS15780	Graduate Artificial Intelligence
CS15412	Operating System Practicum	CS15781	Machine Learning
CS15413	Software Engineering Practicum	CS15801	CS PhD Alternative Elective
CS15415	Database Applications	CS15802	CSD PhD Elective
CS15418	Parallel Computer Architecture and Programming	CS15803	CSD PhD Elective
CS15421	Information Security and Privacy	CS15804	CSD PhD Elective
CS15423	Special Topic: Digital Signal Processing for Computer Science	CS15812	Programming Language Semantics
CS15424	Foundations of Cyber-Physical Systems	CS15814	Types and Programming Languages
CS15437	Web Application Development	CS15815	Interactive Theorem Proving
CS15440	Distributed Systems	CS15819	Advanced Topics in Programming Languages:This Section Cancelled
CS15441	Computer Networks	CS15821	Mobile and Pervasive Computing
CS15451	Algorithm Design and Analysis	CS15826	Multimedia Databases and Datamining
CS15453	Formal Languages, Automata, and Computability	CS15855	An Introduction to Computational Complexity Theory
CS15454	Special Topic: Computational Automata Theory	CS15857	Performance Modeling: Analytical Performance Modeling of Computer Systems
CS15455	Undergraduate Complexity Theory	CS15859	Special Topics in Theory:: Advanced Algorithms
CS15457	Special Topics in Theory: Advanced Algorithms: Advanced Algorithms	CS15862	Computational Photography
CS15462	Computer Graphics	CS15869	Special Topics in Graphics:: Computational Aspects of Fabrication
CS15463	Computational Photography	CS15887	Planning, Execution, and Learning: Planning, Execution, and Learning

CS15464	Technical Animation	CS15891	V-Unit in Computer Science
CS15466	Computer Game Programming	CS15896	Algorithms, Games, and Networks
CS15491	Special Topic: CMRoboBits: Creating Intelligent Robots	CS15990	Computer Science Colloquium
CS15494	Special Topic: Cognitive Robotics	CS15996	Immigration Course in Computer Science
CS15498	Special Topic: Forensic Computer Science	CS15997	Graduate Reading and Research
CS15513	Introduction to Computer Systems	CS15998	Practicum in Computer Science
CS15591	Independent Study in Computer Science		
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Total 137 records, File: db/eecs/cmu/computer-science-cmu2015

+---------+--+--------+---+
| id | title | id | title |
+---------+--+--------+---+
ISR08200	Ethics and Policy Issues in Computing	ISR08714	Negotiation
ISR08302	Introduction to Network Science: Introduction to Network Science	ISR08715	ePayment
ISR08532	Law of Computer Technology	ISR08716	Practicum
ISR08533	Privacy, Policy, Law and Technology	ISR08721	eBusiness Disasters
ISR08534	Usable Privacy Security	ISR08722	Data Structures for Application Programmers: Data Structures for Applicati...
ISR08540	Green Computing	ISR08724	Client-Side Web Technologies
ISR08541	Hardware and Software Systems for Smart Homes and Buildings: Hardware &amp...	ISR08730	Independent Study
ISR08600	Java and J2EE Programming	ISR08731	Information Security & Privacy
ISR08602	Current Topics In Privacy Seminar	ISR08732	Law of Computer Technology
ISR08604	Foundations of Privacy	ISR08733	Privacy, Policy, Law and Technology
ISR08605	Engineering Privacy in Software	ISR08734	Usable Privacy and Security
ISR08606	Privacy by Design Project Workshop: Privacy by Design Project Workshop	ISR08741	Seminar in Data ScienceThis Section Cancelled
ISR08607	Privacy by Design Practicum: Privacy by Design Practicum	ISR08742	Data Science Analytics Capstone Independent Study Process & OutcomesTh...
ISR08608	Privacy Engineering Independent Study: Privacy Engineering Independent Study	ISR08744	VLIS Capstone Independent Study OutcomesThis Section Cancelled
ISR08622	Introduction to Network Science: Introduction to Network Science	ISR08745	MCDS Independent StudyThis Section Cancelled
ISR08624	Influence and Persuasion Online	ISR08749	Data Science Systems Capstone: PracticumThis Section Cancelled
ISR08630	Ethics and Policy Issues in Computing: Ethics and Policy Issues in Computing	ISR08761	Information Security and Privacy
ISR08632	Law of Computer Technology	ISR08763	Introduction to Human Computer Interaction for Technology Executives
ISR08640	Dynamic Network Analysis	ISR08765	Innovation Ecosystems
ISR08700	Ubiquitous Computing	ISR08766	Mobile and Pervasive Computing Services
ISR08701	Requirements Elicitation and Analysis	ISR08767	Mobile Pervasive Computing Project
ISR08702	Contextual Design	ISR08769	Mobile Pervasive Computing Project
ISR08703	User Interface Design and Testing	ISR08781	Mobile and Pervasive Computing Services
ISR08704	Software Design	ISR08801	Dynamic Network Analysis
ISR08705	Network Infrastructure and Wireless, PONs	ISR08803	Empirical Methods for Socio-Technical Research
ISR08706	Web Services	ISR08805	Engineering Privacy in Software
ISR08707	Web Application Development	ISR08840	Green Computing
ISR08708	ERP Supply Chain	ISR08841	Hardware and Software Systems for Smart Homes and BuildingsThis Section Ca...
ISR08709	Privacy Technology	ISR08995	COS Internship
ISR08710	Search Engines, Portals	ISR08996	COS Independent Study
ISR08711	Data Mining, CRM	ISR08997	COS Graduate Reading and Research
ISR08712	Information Security	ISR08998	COS Practicum - The Practice of Science
ISR08713	Mobile Commerce	ISR08999	COS Practicm-Methodology
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Total 66 records, File: db/eecs/cmu/institute-for-software-research-cmu2015

id	title	id	title
LTI11344	Machine Learning in Practice	LTI11727	Computational Semantics for NLP
LTI11345	Undergrad Independent Study	LTI11728	Advanced Seminar in SemanticsThis Section Cancelled
LTI11390	LTI Minor Project - Juniors	LTI11729	Semantics Lab
LTI11411	Natural Language Processing	LTI11731	Machine Translation
LTI11441	Machine Learning for Text Mining	LTI11732	Self-Paced Lab: MT
LTI11442	Search Engines	LTI11733	Multilingual Speech-to-Speech Translation Lab
LTI11443	Machine Learning for Text Analysis	LTI11734	Advanced Machine Translation SeminarThis Section Cancelled
LTI11465	Special Topics: Digital Signal Processing	LTI11736	Graduate Seminar on Endangered Languages
LTI11490	LTI Minor Project - Seniors	LTI11741	Machine Learning for Text Mining
LTI11492	Speech Processing	LTI11742	Self-paced Lab: IR
LTI11590	LTI Minor Project - Advanced	LTI11743	Self-Paced Lab: IR
LTI11601	Coding Boot-Camp	LTI11745	Advanced Statistical Learning Seminar
LTI11611	Natural Language Processing	LTI11751	Speech Recognition and Understanding
LTI11630	MCDS Practicum: MCDS Practicum	LTI11752	Speech II: Phonetics, Prosody, Perception and SynthesisThis Section Cancel...
LTI11631	Seminar in Data Science: Seminar in Data Science	LTI11753	Advanced Laboratory in Speech Recognition
LTI11632	Data Science "Analytics" Capstone Independent Study Outcomes: Data Science...	LTI11754	Project Course: Dialogue Systems
LTI11633	MCDS Independent Study: MCDS Independent Study	LTI11755	Machine Learning for Signal Processing
LTI11634	Data Science System Capstone: Data Science Systems Capstone	LTI11756	Design and Implementation of Speech Recognition Systems
LTI11641	Machine Learning for Text Mining	LTI11757	Advanced Topics: Statistical Modeling for Spoken Dialog Systems
LTI11642	Search Engines	LTI11761	Language and Statistics
LTI11643	Machine Learning for Text Analysis	LTI11775	Large-Scale Multi-media Analysis
LTI11661	Language and Statistics	LTI11782	Self-Paced Lab for Computational Biology
LTI11663	Applied Machine Learning	LTI11783	Self-Paced Lab: Rich Interaction in Virtual World
LTI11675	Big Data Systems in Practice	LTI11785	Lab Course on Deep Learning
LTI11676	Big Data AnalyticsThis Section Cancelled	LTI11791	Design & Engineering of Intelligent Information Systems
LTI11690	MIIS Directed Study	LTI11792	Intelligent Information Systems Project
LTI11693	Software Method for Biotechnology	LTI11796	Question Answering Lab
LTI11695	Competitive Engineering	LTI11797	Question Answering
LTI11696	MIIS Capstone Planning Seminar	LTI11805	Machine Learning with Large Datasets
LTI11699	MSBIC Program Capstone	LTI11821	Advanced Linguistics Seminar
LTI11700	LTI Colloquium	LTI11823	ConLanging: Lrng. Ling. & Lang Tech via Constru Artif. Lang.
LTI11711	Algorithms for NLP	LTI11899	Summarization of Documents and Interaction
LTI11712	Lab in NLP	LTI11910	Directed Research
LTI11713	Advanced NLP Seminar	LTI11920	Independent Study: Breadth
LTI11714	Tools for NLP	LTI11925	Independent Study: Area
LTI11716	Graduate Seminar on Dialog Processing	LTI11927	MIIS Capstone Project
LTI11719	Computational Models of Discourse Analysis	LTI11928	Masters Thesis I
LTI11721	Grammars and Lexicons	LTI11929	Masters Thesis II
LTI11723	Linguistics Lab	LTI11930	Dissertation Research
LTI11726	Meaning in Language Lab (Self Paced)	LTI11935	LTI Practicum

Total 80 records, File: db/eecs/cmu/language-technologies-institute-cmu2015

id	title	id	title
MLG10500	Senior Research Project	MLG10708	Probabilistic Graphical Models
MLG10601	Introduction to Machine Learning	MLG10715	Advanced Introduction to Machine Learning
MLG10605	Machine Learning with Large Datasets	MLG10725	Convex Optimization
MLG10611	MS Data Analysis Project	MLG10805	Machine Learning with Large Datasets
MLG10620	Independent Study: Research	MLG10910	Directed Research
MLG10697	Reading and Research	MLG10915	MLD Journal Club
MLG10701	Introduction to Machine Learning	MLG10920	Graduate Reading and Research
MLG10702	Statistical Machine Learning	MLG10930	Dissertation Research
MLG10704	Information Processing and Learning	MLG10935	Practicum
MLG10705	Intermediate Statistics	MLG10940	Independent Study

Total 20 records, File: db/eecs/cmu/machine-learning-cmu2015

id	title	id	title
ROB16223	Introduction to Physical Computing	ROB16698	MRSD Business Seminar II
ROB16264	Humanoids	ROB16711	Kinematics, Dynamic Systems and Control
ROB16299	Introduction to Feedback Control Systems	ROB16720	Computer Vision: Computer Vision
ROB16311	Introduction to Robotics	ROB16722	Sensing and Sensors
ROB16362	Mobile Robot Programming Laboratory	ROB16725	Methods in Medical Image Analysis
ROB16384	Robot Kinematics and Dynamics	ROB16741	Mechanics of Manipulation
ROB16385	Computer Vision	ROB16745	Dynamic Optimization
ROB16397	Art, Conflict and Technology in Northern Ireland	ROB16761	Mobile Robots: Mobile Robots
ROB16450	Robotics Systems Engineering	ROB16764	Ethnography: Analyzing How Context Affects Technology UseThis Section Canc...
ROB16455	Human-Machine Virtuosity	ROB16778	Mechatronic Design
ROB16465	Game Engine Programming	ROB16811	Mathematical Fundamentals for Robotics
ROB16467	Human Robot Interaction	ROB16822	Geometry-based Methods in Vision: Geometry-based Methods in Vision
ROB16474	Robotics Capstone	ROB16824	Visual Learning and Recognition: VISUAL LEARNING & RECOGNITION
ROB16597	Undergraduate Reading and Research	ROB16831	Statistical Techniques in Robotics
ROB16610	MS-RT Year One Program Fundamentals of Robotics I	ROB16843	Manipulation Algorithms
ROB16611	MS-RT Year One Program Fundamentals of Robotics II	ROB16850	Systems Engineering
ROB16612	MS-RT Year One Program Fundamentals of Robotics III	ROB16861	Mobile Robot Design
ROB16613	MS-RT Year 1 Program Fundamentals of Robotics IV	ROB16865	Advanced Mobile Robot Development
ROB16614	MS-RT Extended Project Course Sequence (EPCS)	ROB16867	Human Robot Interaction
ROB16615	MS-RT Supervised Studies in Robotics	ROB16868	Biomechanics & Motor Control
ROB16642	Manipulation, Mobility, and Control	ROB16897	Seminar on Robotics
ROB16650	Systems Engineering and Management for Robotics	ROB16899	Special Topics: Actuation and Sensing Mechanisms: BIG DATA APPROACHES IN C...
ROB16662	Robot Autonomy	ROB16990	Practicum
ROB16681	MRSD Project 1	ROB16991	Internship
ROB16682	MRSD Project II	ROB16995	Independent Study
ROB16697	MRSD Business Seminar 1	ROB16997	Reading and Research in Robotics

Total 52 records, File: db/eecs/cmu/robotics-cmu2015

id	title	id	title
ACM11	Introduction to Matlab and Mathematica	BEM/EC/CS134	Robust Mechanism Design
ACM95/100abc	Introductory Methods of Applied Mathematics	EE/CS/EST135	Power System Analysis
ACM101ab	Methods of Applied Mathematics	CS138	Computer Algorithms
ACM/CMS104	Linear Algebra and Applied Operator Theory	CS/CMS139	Analysis and Design of Algorithms
ACM105	Applied Real and Functional Analysis	CS142	Distributed Computing
ACM106ab	Introductory Methods of Computational Mathematics	CS/EE143	Communication Networks
ACM/CMS113	Mathematical Optimization	CS/EE/CMS144	Networks: Structure Economics
ACM/CS114ab	Parallel Algorithms for Scientific Applications	CS/EE145	Projects in Networking
ACM/EE/CMS116	Introduction to Stochastic Processes and Modeling	CS/EE146	Advanced Networking
AM/ACM127	Calculus of Variations	CS/EE147	Network Performance Analysis
Ma/ACM142	Ordinary and Partial Differential Equations	EE/CNS/CS148ab	Selected Topics in Computational Vision
Ma/ACM144ab	Probability	SS/CS149	Introduction to Algorithmic Economics
ACM/EE/CMS170	Mathematics of Signal Processing	CS150	Probability and Algorithms
ACM190	Reading and Independent Study	CS151	Complexity Theory
ACM201ab	Partial Differential Equations	CS/SS152	Introduction to Data Privacy
ACM204	Topics in Convexity	CS153	Current Topics in Theoretical Computer Science
ACM210ab	Numerical Methods for PDEs	CS/CNS/EE/NB154	Artificial Intelligence
ACM216	Markov Chains, Discrete Stochastic Processes and Applications	CS/CNS/EE155	Machine Learning Data Mining
ACM217ab	Advanced Topics in Stochastic Analysis	CS/CNS/EE156ab	Learning Systems
ACM/CS/EE/CMS218	Statistical Inference	CS/CNS/EE159	Projects in Machine Learning and AI
Ae/ACM/ME232ab	Computational Fluid Dynamics	CS/CNS171	Introduction to Computer Graphics Laboratory
ACM256ab	Special Topics in Applied Mathematics	CS/CNS174	Computer Graphics Projects
ACM257	Special Topics in Financial Mathematics	CS176	Introduction to Computer Graphics Research
ACM270	Advanced Topics in Applied and Computational Mathematics	CS177	Discrete Differential Geometry: Theory and Applications
ACM300	Research in Applied and Computational Mathematics	CS179	GPU Programming
CS1	Introduction to Computer Programming	CS180	Master is Thesis Research
CS2	Introduction to Programming Methods	CS/EE181abc	VLSI Design Laboratory
CS3	Vision to Software Engineering	CNS/Bi/EE/CS/NB186	Vision: From Computational Theory to Neuronal Mechanisms
CS4	Fundamentals of Computer Programming	CNS/Bi/Ph/CS/NB187	Neural Computation
Ma/CS6abc	Introduction to Discrete Mathematics	BE/CS/CNS/Bi191ab	Biomolecular Computation
CS9	Introduction to Computer Science Research	BE/CS196ab	Design and Construction of Programmable Molecular Systems
CS11	Computer Language Shop	ACM/CS/EE/CMS218	Statistical Inference
CS21	Decidability and Tractability	Ph/CS219a	Quantum Computation
CS24	Introduction to Computing Systems	SS/CS241	Topics in Algorithmic Economics
CS38	Introduction to Algorithms	CS/CNS/EE253	Special Topics in Machine Learning
EE/CS51	Principles of Microprocessor Systems	CS274abc	Topics in Computer Graphics
EE/CS52	Microprocessor Systems Laboratory	CS280	Research in Computer Science
EE/CS53	Microprocessor Project Laboratory	CS282abc	Reading in Computer Science
CS/EE/ME75abc	Introduction to Multidisciplinary Systems Engineering	CS286abc	Seminar in Computer Science
CS80abc	Undergraduate Thesis	ACM/CMS104	Linear Algebra and Applied Operator Theory
CS81abc	Undergraduate Projects in Computer Science	ACM/CMS113	Mathematical Optimization
CS90	Undergraduate Reading in Computer Science	ACM/EE/CMS116	Introduction to Stochastic Processes and Modeling
CS101abc	Special Topics in Computer Science	CS/EE/CMS144	Networks: Structure Economics
CS102abc	Seminar in Computer Science	ACM/CS/EE/CMS218	Statistical Inference
CS103abc	Reading in Computer Science	ACM/EE/CMS170	Mathematics of Signal Processing
ACM/CS114ab	Parallel Algorithms for Scientific Applications	CS/CMS139	Analysis and Design of Algorithms
CS115	Functional Programming	CMS290abc	Computing and Mathematical Sciences Colloquium
CS116	Reasoning about Program Correctness	CDS90abc	Senior Thesis in Control and Dynamical Systems
Ma/CS117abc	Computability Theory	CDS101	Design and Analysis of Feedback Systems
CS118	Logic Model Checking for Formal Software Verification	CDS110	Introduction to Feedback Control Systems
CS119	Reliable Software: Testing and Monitoring	CDS112	Control System Design
CS121	Introduction to Relational Databases	CDS140	Introduction to Dynamics
CS122	Database System Implementation	CDS190	Independent Work in Control and Dynamical Systems
CS123	Projects in Database Systems	CDS212	Introduction to Modern Control
CS124	Operating Systems	CDS213	Robust Control
EE/Ma/CS126ab	Information Theory	CDS240	Nonlinear Dynamical Systems
EE/Ma/CS127	Error-Correcting Codes	Ae/CDS/ME251ab	Closed Loop Flow Control
CS/EE/Ma129abc	Information and Complexity	CDS270	Advanced Topics in Systems and Control
ME/CS132ab	Advanced Robotics: Navigation and Vision	CDS300abc	Research in Control and Dynamical Systems
Ec/CS133	Electricity Markets		

Total 119 records, File: db/eecs/eecs-caltech2015

id	title	id	title
CS2	Digital Platforms	CS262	Introduction to Distributed Computing
CS20	Discrete Mathematics for Computer Science	CS265	Big Data Systems
CS50	Introduction to Computer Science I	CS277	Geometric Modeling in Computer Graphics
CS50	Introduction to Computer Science I	CS278	Rendering and Image Processing in Computer Graphics
CS51	Introduction to Computer Science II	CS279	Research Topics in Human-Computer Interaction
CS61	Systems Programming and Machine Organization	CS280r	Advanced Topics in Artificial Intelligence
CS90na	The Internet: Governance and Power	CS281	Advanced Machine Learning
CS91r	Supervised Reading and Research	CS282r	Decision-Making Under Uncertainty - (New Course)
CS96	System Design Projects	CS283	Computer Vision
CS109	Data Science	CS284r	Topics on Computation in Networks and Crowds
CS121	Introduction to the Theory of Computation	CS285	Multi-Agent Systems
CS124	Data Structures and Algorithms	CS286r	Topics at the Interface between Computer Science and Economics
CS125	Algorithms and Complexity - (New Course)	CS287r	Topics in Computational Linguistics and Natural Language Processing
CS127	Introduction to Cryptography	CS288r	Advanced Topics in Computer Vision
CS141	Computing Hardware	CS289	Biologically-inspired Multi-agent Systems
CS143	Computer Networks	CS299r	Special Topics in Computer Science
CS144r	Networks Design Projects	CS305,306	Readable, Extensible, High-Performance Software Systems
CS146	Computer Architecture	CS307,308	Biologically-Inspired Multi-Agent Systems, Distributed Systems, and...
CS148	Design of VLSI Circuits and Systems	CS309,310	Computational Mechanism Design, Electronic Marketplaces, and Multi-...
CS152	Programming Languages	CS311,312	Collaborative Systems, AI Planning, and Natural Language Processing
CS153	Compilers	CS313,314	Visual Computing
CS161	Operating Systems	CS315,316	Social Computing: Computation and Economics
CS164	Software Engineering	CS319,320	Data Systems Design - (New Course)
CS165	Data Systems	CS321,322	Databases, Operating System, and Software Design
CS171	Visualization	CS323,324	Human-Computer Communication through Natural, Graphical, and Artifi...
CS175	Computer Graphics	CS325,326	Intelligent Interactive Systems and Human-Computer
CS179	Design of Usable Interactive Systems	CS327,328	Mathematical Logic, Theory of Computation
CS181	Machine Learning	CS343,344	Computer Architecture: Modeling and Design
CS182	Intelligent Machines: Reasoning, Actions, and Plans	CS345,346	High-Performance Computer Systems
CS186	Economics and Computation	CS347,348	Computer Vision
CS187	Computational Linguistics	CS351,352	Cryptography: Unbreakable Codes and Financial Cryptography
CS189r	Autonomous Multi-Robot Systems	CS355,356	Computational Complexity, Parallel Computation, Computational Learn...
CS207	Systems Development for Computational Science	CS357,358	Computational Complexity, Cryptography, and Pseudorandomness
CS221	Computational Complexity	CS359,360	On-line Algorithms and Randomized Algorithms
CS222	Algorithms at the Ends of the Wire	CS361,362	Programming Languages and Semantics
CS223	Probabilistic Analysis and Algorithms	CS363,364	Programming Languages and Security
CS224	Advanced Algorithms - (New Course)	CS365	SEAS Teaching Practicum
CS225	Pseudorandomness	CS375,376	Computer Graphics
CS227r	Topics in Cryptography and Privacy	CS377,378	Sketching Algorithms for Massive Data
CS228	Computational Learning Theory	CS379,380	Algorithms for Social Data
CS229r	Topics in the Theory of Computation: Biology and Complexity	CS1	Great Ideas in Computer Science
CS244r	Networks Design Projects	CS105	Privacy and Technology
CS246	Advanced Computer Architecture	CS205	Computing Foundations for Computational Science
CS247r	Advanced Topics in Computer Architecture	CS303,304	Statistical Machine Learning
CS248	Advanced Design of VLSI Circuits and Systems	Linguistics 287	Topics in Computational Linguistics and Natural Language Processing
CS250	Software Foundations - (New Course)	MCB 131	Computational Neuroscience
CS252r	Advanced Topics in Programming Languages	Statistics 221	Statistical Computing and Learning
CS260r	Projects and Close Readings in Software Systems	Statistics 385	Statistical Machine Learning
CS261	Research Topics in Operating Systems		

Total 97 records, File: db/eecs/computer-science-harvard2015

id	title	id	title
COS126	General Computer Science	COS342	Introduction to Graph Theory
COS217	Introduction to Programming Systems	COS314	Computer and Electronic Music
COS226	Algorithms and Data Structures	COS401	Introduction to Machine Translation
COS320	Compiling Techniques	COS351	Information Technology and Public Policy
COS333	Advanced Programming Techniques	COS109	Computers in Our World
COS340	Reasoning about Computation	COS318	Operating Systems
COS398	Junior Independent Work	COS326	Functional Programming
COS423	Theory of Algorithms	COS375	Computer Architecture and Organization
COS424	Interacting with Data	COS397	Junior Independent Work
COS426	Computer Graphics	COS402	Artificial Intelligence
COS432	Information Security	COS429	Computer Vision
COS435	Info Retrieval, Discovery, Delivery	COS487	Theory of Computation
COS448	Innovating Across Tech, Bus, Mkts	COS497	Senior Independent Work
COS461	Computer Networks	COS521	Advanced Algorithm Design
COS488	Introduction to Analytic Combinatorics	COS526	Advanced Computer Graphics
COS495	Special Topics in Computer Science: Information Technology, Law and Policy	COS528	Data Structures Graph Algorithms
COS498	Senior Independent Work	COS551	Intro. to Genomics and Computation
COS510	Programming Languages	COS561	Advanced Computer Networks
COS511	Theoretical Machine Learning	COS597A	Adv. Topics in Computer Science: Algorithmic Mechanism Design
COS583	Great Moments in Computing	COS597B	Adv. Topics in Computer Science: Topics in Algorithms
COS590	Extramural Research Internship	COS597C	Advanced Topics in Computer Science: Shape Analysis
COS598A	Advanced Topics in Computer Science: Shape Analysis	COS597D	Advanced Topics in Computer Science: Data Driven Statistical Genomics
COS598B	Advanced Topics in Computer Science: The Unreasonable Effectiveness of Big ...	COS597E	Advanced Topics in Computer Science: Bitcoin and cryptocurrency technologies
COS598C	Advanced Topics in Computer Science: Neural networks: theory and applications	COS306	Contemporary Logic Design
COS598D	Advanced Topics in Computer Science: Overcoming computational intractabilit...	COS381	Networks: Friends, Money and Bytes
COS598E	Advanced Topics in Computer Science: Reasoning about Networks	COS462	Design of Very Large-Scale Integrated (V
COS598F	Advanced Topics in Computer Science: Internet Law and Policy	COS231	Integ/Quantitative Intro to Nat Sci I
COS598G	Advanced Topics in Computer Science: Analytics and Systems of Big Data	COS232	Integ/Quantitative Intro to Nat Sci I
COS475	Computer Architecture	COS236	Integ/Quantitative Intro to Nat Sci IV
COS233	Integ/Quantitative Intro to Nat Sci II	COS323	Computing and Optimization
COS234	Integ/Quantitative Intro to Nat Sci II	COS455	Genomics Computational Mol Bio
COS235	Integ/Quantitative Biochem and Neurosci		

Total 63 records, File: db/eecs/computer-science-14-15-princeton2015

id	title	id	title
ELE432	Information Security	ELE342	Principles of Quantum Engineering
ELE583	Great Moments in Computing	ELE351	Electromagnetic Field Theory and Optics
ELE491	High-Tech Entrepreneurship	ELE381	Networks: Friends, Money and Bytes
ELE201	Information Signals	ELE397	Junior Independent Work
ELE208	Electronic and Photonic Devices	ELE431	Solar Energy Conversion
ELE298	Sophomore Independent Work	ELE441	Solid State Physics I
ELE302	Building Real Systems	ELE453	Optical Electronics
ELE304	Electronic Circuits: Devices to IC	ELE461	Design with Nanotechnologies
ELE341	Solid-State Devices	ELE462	Design of Very Large-Scale Integrated (V
ELE352	Physical Optics	ELE465	Switching and Sequential Systems
ELE386	Cyber Security	ELE476	Designing Secure Systems
ELE396	Introduction to Quantum Computing	ELE482	Digital Signal Processing
ELE398	Junior Independent Work	ELE486	Transmission and Compression Information
ELE442	Solid State Physics II	ELE497	Senior Independent Work
ELE454	Photonics Light Wave Communications	ELE511	Quantum Mechanics with Applications
ELE456	Quantum Optics	ELE514	Extramural Research Internship
ELE475	Computer Architecture	ELE521	Linear System Theory
ELE488	Image Processing	ELE526	Digital Communications and Systems
ELE498	Senior Independent Work	ELE538	Special Topics in Information: Multiuser Information Theory
ELE541	Electronic Materials	ELE538B	Special Topics in Information Sciences: Quantum Information Theory
ELE547B	Selected Tpcs in Solid-State Electronics: Subwavelength Nanophotonics and P...	ELE540	Organic Material/Photonics Electronics
ELE548	Selected Tpcs in Solid-State Electronics: Physics Technology of Low-Dimens...	ELE545	Electronic Devices
ELE555	Selected Topics in Optics and Optical El	ELE547A	Selected Tpcs in Solid-State Electronics: Advanced Topics in Electronic and...
ELE561	Fundamentals of Nanophotonics	ELE553	Nonlinear Optics
ELE529	Coding Theory and Random Graphs	ELE568	Implementations of Quantum Information
ELE375	Computer Architecture and Organization	ELE575	Parallel Computation
ELE203	Electronic Circuit Design	ELE580	Advanced Topics in Computer Engineering: Trustworthy Computing
ELE206	Contemporary Logic Design	ELE580A	Advanced Topics in Computer Engineering: RF and High-speed Circuits and Sys...
ELE297	Sophomore Independent Work	ELE580B	Advanced Topics in Computer Engineering: Kernel Methods for Machine Learning
ELE301	Designing Real Systems	ELE597	Electrical Engineering Master's Project

Total 60 records, File: db/eecs/electrical-engineering-14-15-princeton2015

id	topic	id	topic
cambridge-1	Critical Coding for Digital Humanities	cambridge-67	Digital Signal Processing
cambridge-2	Computer Security: Principles and Foundations	cambridge-68	Unix Tools
cambridge-3	Software Engineering	cambridge-69	Security II
cambridge-4	Computer Security: Current Applications and Research	cambridge-70	Security I
cambridge-5	Economics, Law and Ethics	cambridge-71	Business Studies
cambridge-6	Concurrent and Distributed Systems	cambridge-72	E-Commerce
cambridge-7	Flows in Networks	cambridge-73	Business Studies Seminars
cambridge-8	Advanced Graphics	cambridge-74	Group Project
cambridge-9	Computer Security: Principles and Foundations	cambridge-75	Operating Systems
cambridge-10	Further Java	cambridge-76	Bioinformatics
cambridge-11	Programming in Java	cambridge-77	Biomedical Information Processing
cambridge-12	Prolog	cambridge-78	Programming in C and C++
cambridge-13	Research Skills	cambridge-79	Advanced Functional Programming
cambridge-14	Computer Security: Current Applications and Research	cambridge-80	Social and Technological Network Analysis
cambridge-15	Further Java Briefing	cambridge-81	Mobile and Sensor Systems
cambridge-16	Human-Computer Interaction	cambridge-82	Advanced Computer Design
cambridge-17	Research Skills	cambridge-83	Computer Design
cambridge-18	Theories of Interaction and Socio-digital Design	cambridge-84	ECAD and Architecture Practical Classes
cambridge-19	Usability of Programming Languages	cambridge-85	Building an Internet Router
cambridge-20	Critical Coding for Digital Humanities	cambridge-86	Computer Networking
cambridge-21	Software and Interface Design	cambridge-87	Chip Multiprocessors
cambridge-22	Introduction to Natural Language Syntax and Parsing	cambridge-88	ECAD and Architecture Practical Classes
cambridge-23	Advanced Syntax and Semantics of Natural Language	cambridge-89	Comparative Architectures
cambridge-24	Machine Learning for Language Processing	cambridge-90	Modern Compiler Design
cambridge-25	Spoken Language Processing	cambridge-91	Optimising Compilers
cambridge-26	Modern Compiler Design	cambridge-92	Advanced Functional Programming
cambridge-27	Introduction to Natural Language Syntax and Parsing	cambridge-93	Concepts in Programming Languages
cambridge-28	Advanced Syntax and Semantics of Natural Language	cambridge-94	Types
cambridge-29	Natural Language Processing	cambridge-95	Foundations of Computer Science
cambridge-30	Overview of Natural Language Processing	cambridge-96	ML Practical Classes
cambridge-31	Research Skills	cambridge-97	Interactive Formal Verification
cambridge-32	Language and Concepts	cambridge-98	Logic and Proof
cambridge-33	Information Theory and Coding	cambridge-99	Category Theory and Logic
cambridge-34	Mathematical Methods for Computer Science	cambridge-100	Discrete Mathematics
cambridge-35	Computer Vision	cambridge-101	Computation Theory
cambridge-36	Quantum Computing	cambridge-102	Further Java
cambridge-37	Complexity Theory	cambridge-103	Programming in Java
cambridge-38	Sensor Fusion and Location Aware Computing	cambridge-104	Prolog
cambridge-39	Discrete Mathematics	cambridge-105	Computer Graphics and Image Processing
cambridge-40	Advanced Topics in Denotational Semantics	cambridge-106	Research Skills
cambridge-41	Denotational Semantics	cambridge-107	Algorithms
cambridge-42	Spoken Language Processing	cambridge-108	Advanced Algorithms
cambridge-43	Machine Learning for Language Processing	cambridge-109	Multicore Semantics and Programming
cambridge-44	Computer Systems Modelling	cambridge-110	Semantics of Programming Languages
cambridge-45	Mathematical Methods for Computer Science	cambridge-111	Computer Security: Principles and Foundations
cambridge-46	Flows in Networks	cambridge-112	Algorithms
cambridge-47	Hoare Logic	cambridge-113	Computer Security: Current Applications and Research
cambridge-48	Temporal Logic and Model Checking	cambridge-114	Security II
cambridge-49	System on Chip Design and Modelling	cambridge-115	Lexical Semantics
cambridge-50	System-on-Chip Design	cambridge-116	Overview of Natural Language Processing
cambridge-51	Numerical Methods	cambridge-117	Discourse Processing
cambridge-52	Algebraic Path Problems, with applications to Internet Routing	cambridge-118	Information Retrieval
cambridge-53	Compiler Construction	cambridge-119	Artificial Intelligence II
cambridge-54	Databases	cambridge-120	Digital Electronics
cambridge-55	Computer Fundamentals	cambridge-121	Hardware Practical Classes
cambridge-56	Object-Oriented Programming	cambridge-122	Low Power Embedded Systems Programming
cambridge-57	Registration	cambridge-123	Computer Security: Principles and Foundations
cambridge-58	Sensor Fusion and Location Aware Computing	cambridge-124	Concurrent and Distributed Systems
cambridge-59	Topical Issues	cambridge-125	Advanced Operating Systems
cambridge-60	Multicore Semantics and Programming	cambridge-126	Computer Security: Current Applications and Research
cambridge-61	Topics in Concurrency	cambridge-127	Advanced Functional Programming

id	topic	id	topic
cambridge-62	Artificial Intelligence I	cambridge-128	A Mathematical Theory of Distributed Games and Strategies
cambridge-63	Automated Reasoning	cambridge-129	Spoken Language Processing
cambridge-64	Low Power Embedded Systems Programming	cambridge-130	Advanced Functional Programming
cambridge-65	Advanced Topics in Denotational Semantics	cambridge-131	Data Centric Systems and Networking
cambridge-66	Biomedical Information Processing		

Total 131 records, File: db/eecs/eecs-cambridge2015

id	topic	id	topic
oxford-1	Advanced Data Structures and Algorithms	oxford-27	Functional Programming
oxford-2	Advanced Security	oxford-28	Geometric Modelling
oxford-3	Automata, Logic and Games	oxford-29	Group Design Practical
oxford-4	Categorical Quantum Mechanics	oxford-30	Imperative Programming I
oxford-5	Categories, Proofs and Processes	oxford-31	Imperative Programming II
oxford-6	Compilers	oxford-32	Integer Programming
oxford-7	Computational Complexity	oxford-33	Intelligent Systems
oxford-8	Computational Learning Theory	oxford-34	Introduction to Formal Proof
oxford-9	Computational Linguistics	oxford-35	Knowledge Representation & Reasoning
oxford-10	Computer Animation	oxford-36	Lambda Calculus and Types
oxford-11	Computer Architecture	oxford-37	Linear Algebra
oxford-12	Computer Graphics	oxford-38	Logic and Proof
oxford-13	Computer Networks	oxford-39	Machine Learning
oxford-14	Computer Security	oxford-40	Models of Computation
oxford-15	Computer-Aided Formal Verification	oxford-41	Numerical Solution of Differential Equations I
oxford-16	Computers in Society	oxford-42	Numerical Solution of Differential Equations II
oxford-17	Concurrency	oxford-43	Object Oriented Programming
oxford-18	Concurrent Algorithms and Data Structures	oxford-44	Principles of Programming Languages
oxford-19	Concurrent Programming	oxford-45	Probabilistic Model Checking
oxford-20	Continuous Mathematics	oxford-46	Probability and Computing
oxford-21	Database Systems Implementation	oxford-47	Quantum Computer Science
oxford-22	Databases	oxford-48	Requirements
oxford-23	Design and Analysis of Algorithms	oxford-49	Software Verification
oxford-24	Digital Systems	oxford-50	Theory of Data and Knowledge Bases
oxford-25	Discrete Mathematics	oxford-51	Visual Analytics
oxford-26	Foundations of Computer Science		

Total 51 records, File: db/eecs/eecs-oxford2015

id	topic	id	topic
COMP1001	Exploring Multimedia and Internet Computing	COMP4641	Social Information Network Analysis and Engineering
COMP1002	Computer and Programming Fundamentals I	COMP4900	Academic and Professional Development
COMP1003	Computer and Programming Fundamentals II	COMP4901	Special Topics in Computer Science
COMP1021	Introduction to Computer Science	COMP4911	IT Entrepreneurship
COMP1022P	Introduction to Computing with Java	COMP4971	Independent Work
COMP1022Q	Introduction to Computing with Excel VBA	COMP4981	Final Year Project
COMP1029A	Introduction to Mobile Application Development Using Android	COMP4981H	Final Year Thesis
COMP1029C	C Programming Bridging Course	COMP4982	Final Year Project
COMP1029J	Java Programming Bridging Course	COMP4982H	Final Year Thesis (Honors Study Track)
COMP1029P	Python Programming Bridging Course	COMP4983	Final Year Project I
COMP1029V	Excel VBA Programming Bridging Course	COMP4983H	Final Year Thesis I (Honors Study Track)
COMP1900	Academic and Professional Development I	COMP4984	Final Year Project II
COMP1941	Computational Thinking for Everyone in the Internet Age	COMP4984H	Final Year Thesis II (Honors Study Track)
COMP1942	Exploring and Visualizing Data	COMP4988	Computer Engineering Final Year Project
COMP1991	Industrial Experience	COMP4989	Computer Engineering Final Year Thesis
COMP1999	Industrial Training	COMP4991	Computer Engineering Final Year Project
COMP2011	Introduction to Object-oriented Programming	COMP4992	Computer Engineering Final Year Thesis
COMP2012	Object-Oriented Programming and Data Structures	COMP4993	Computer Engineering Final Year Project I
COMP2012H	Honors Object-Oriented Programming and Data Structures	COMP4994	Computer Engineering Final Year Project II
COMP2021	Unix and Script Programming	COMP4995	Computer Engineering Final Year Project III
COMP2611	Computer Organization	COMP4996	Computer Engineering Final Year Thesis I
COMP2711	Discrete Mathematical Tools for Computer Science	COMP4997	Computer Engineering Final Year Thesis II
COMP2711H	Honors Discrete Mathematical Tools for Computer Science	COMP4998	Computer Engineering Final Year Thesis III
COMP2900	Academic and Professional Development II	COMP5111	Fundamentals of Software Analysis
COMP3021	Java Programming	COMP5211	Advanced Artificial Intelligence
COMP3031	Principles of Programming Languages	COMP5212	Machine Learning
COMP3071	Honors Competitive Programming	COMP5213	Introduction to Bayesian Networks
COMP3111	Software Engineering	COMP5221	Natural Language Processing
COMP3111H	Honors Software Engineering	COMP5311	Database Architecture and Implementation
COMP3211	Fundamentals of Artificial Intelligence	COMP5331	Knowledge Discovery in Databases
COMP3311	Database Management Systems	COMP5411	Advanced Computer Graphics
COMP3511	Operating Systems	COMP5421	Computer Vision
COMP3711	Design and Analysis of Algorithms	COMP5531	Green Computing
COMP3711H	Honors Design and Analysis of Algorithms	COMP5621	Computer Networks
COMP3721	Theory of Computation	COMP5622	Advanced Computer Communications and Networking
COMP3900	Academic and Professional Development III	COMP5631	Cryptography and Security
COMP4021	Internet Computing	COMP5711	Introduction to Advanced Algorithmic Techniques
COMP4111	Software Engineering Laboratory	COMP5712	Introduction to Combinatorial Optimization
COMP4211	Machine Learning	COMP5713	Computational Geometry
COMP4221	Introduction to Natural Language Processing	COMP6111	Topics in Software Engineering
COMP4311	Principles of Database Design	COMP6211	Advanced Topics in Artificial Intelligence
COMP4321	Search Engines for Web and Enterprise Data	COMP6311	Topics in Database Systems
COMP4331	Data Mining	COMP6411	Topics in Graphics
COMP4332	Big Data Mining and Management	COMP6511	Topics in Computer Systems Analysis
COMP4411	Computer Graphics	COMP6611	Topics in Computer and Communication Networks
COMP4421	Image Processing	COMP6612	Topics in Computer Engineering
COMP4431	Multimedia Computing	COMP6613	Topics in Applications of Computer Science and Engineering
COMP4441	Computer Music	COMP6711	Topics in Theoretical Computer Science
COMP4451	Game Programming	COMP6770	Professional Development in Computer Science and Engineering
COMP4511	Operating Systems Laboratory	COMP6911	Computer Science and Engineering Seminar I
COMP4521	Embedded Systems Software	COMP6912	Computer Science and Engineering Seminar II
COMP4611	Design and Analysis of Computer Architectures	COMP6921-6922	Research Project
COMP4621	Computer Communication Networks I	COMP6931-6932	Independent Studies
COMP4622	Computer Communication Networks II	COMP6990	MPhil Thesis Research
COMP4631	Computer and Communication Security	COMP7990	Doctoral Thesis Research
COMP4632	Practicing Cybersecurity: Attacks and Counter-measures		

Total 111 records, File: db/eecs/computer-science-and-engineering-ust2015

id	topic	id	topic
ELEC1010	Electronic and Information Technology	ELEC4905	Computer Engineering Final Year Project I
ELEC1020	Media Production: Technology and Design	ELEC4907	Final Year Project
ELEC1100	Introduction to Electro-Robot Design	ELEC4908	Final Year Thesis
ELEC1200	A System View of Communications: from Signals to Packets	ELEC4909	Final Year Project in Entrepreneurship
ELEC1970	Industrial Training	ELEC4910	Final Year Project II
ELEC1971	Industrial Experience (Computer Engineering)	ELEC4911	Final Year Thesis II
ELEC1980	Industrial Training	ELEC4912	Final Year Project in Entrepreneurship II
ELEC1990	Industrial Training	ELEC4915	Computer Engineering Final Year Project II
ELEC1991	Industrial Experience (Electronic Engineering)	ELEC4918	Computer Engineering Final Year Project
ELEC2100	Signals and Systems	ELEC4919	Computer Engineering Final Year Thesis
ELEC2200	Digital Circuits and Systems	ELEC4920	Final Year Project III
ELEC2300	Computer Organization	ELEC4921	Final Year Thesis III
ELEC2400	Electronic Circuits	ELEC4922	Final Year Project in Entrepreneurship III
ELEC2410	Basic Electronics	ELEC4925	Computer Engineering Final Year Project III
ELEC2420	Basic Electronics	ELEC4930	Academic and Professional Development III
ELEC2600	Probability and Random Processes in Engineering	ELEC4940	Independent Study
ELEC2910	Academic and Professional Development I	ELEC4950	Research Work Experience
ELEC2920	Professional Development in Engineering Business I	ELEC5010	Introduction to the Design & Implementation of Micro-Systems
ELEC2930	Academic and Professional Development I	ELEC5040	Advanced Analog IC Analysis and Design
ELEC3100	Signal Processing and Communications	ELEC5050	Advanced CMOS Devices
ELEC3200	System Modeling, Analysis and Control	ELEC5070	Microelectronics Fabrication Technology
ELEC3300	Introduction to Embedded Systems	ELEC5080	Integrated-Circuit Fabrication Laboratory
ELEC3400	Introduction to Integrated Circuits and Systems	ELEC5090	Advanced Photonics Technologies
ELEC3500	Microelectronic Devices and Technology	ELEC5110	Nanoelectronic Materials for Energy Technologies
ELEC3600	Electromagnetics: From Wireless to Photonic Applications	ELEC5120	Semiconductor Power and Energy Conversion Technologies
ELEC3710	Hi-Tech Entrepreneurship	ELEC5160	Digital VLSI System Design and Design Automation
ELEC3900	Introduction to Electronic and Computer Technology	ELEC5180	RF/Microwave Circuit Design and Measurement
ELEC3910	Academic and Professional Development II	ELEC5190	Solid State and Semiconductor Electronics
ELEC3920	Professional Development in Engineering Business II	ELEC5210	Advanced Topics in Nanoelectronics
ELEC3930	Academic and Professional Development II	ELEC5220	Applications of Nanotechnologies to Photonics and Displays
ELEC4010	Special Topics	ELEC5230	Novel Liquid Crystal Devices for Photonics and Displays
ELEC4110	Digital Communications and Wireless Systems	ELEC5250	Flat-Panel Displays
ELEC4120	Computer Communication Networks	ELEC5280	High Frequency Circuit Design
ELEC4130	Digital Image Processing	ELEC5300	Stochastic Processes
ELEC4140	Speech and Image Compression	ELEC5320	Digital Image Processing
ELEC4150	Information Theory and Error-Correcting Codes	ELEC5330	Video-Signal Processing
ELEC4160	Introduction to Digital Speech Recognition	ELEC5350	Multimedia Networks
ELEC4170	Digital Media and Multimedia Applications	ELEC5360	Principles of Digital Communications
ELEC4210	Digital Control Systems	ELEC5370	Communication Networks
ELEC4220	Introduction to Robotics: From Mobile Robots to Manipulators	ELEC5460	Advanced Stochastic Optimization for Wireless Systems
ELEC4310	Embedded System Design	ELEC5470	Convex Optimization
ELEC4410	CMOS VLSI Design	ELEC5480	Coding and Information Theory
ELEC4420	Analogue Integrated Circuits Design and Analysis	ELEC5510	Switch Mode Power Converters
ELEC4430	Integrated Power Electronics	ELEC5520	Power Management Integrated Circuit Design
ELEC4440	Reconfigurable Computing: From Theory to Practice	ELEC5530	Mixed-Signal Integrated Bio-Sensory Circuit Design
ELEC4510	Semiconductor Materials and Devices	ELEC5600	Linear-System Theory
ELEC4520	Integrated Circuit Fabrication Technology	ELEC5610	Multivariable Control
ELEC4610	Engineering Optics	ELEC5640	Robot Manipulation
ELEC4620	Photonics and Optical Communications	ELEC5650	Introduction to Networked Sensing, Estimation and Control
ELEC4630	Radio Frequency Engineering	ELEC5810	Introduction to Bioinformatics Algorithms
ELEC4640	Modern Optics	ELEC5820	Fundamentals of BioMEMS and Biomedical Microdevices
ELEC4810	Introduction to Biosensors and Bioinstrumentation	ELEC5900	Modern Engineering Research Methodologies
ELEC4820	Medical Imaging	ELEC6770	Professional Development in Electronic and Computer Engineering
ELEC4900	Final Year Design Project	ELEC6900	Independent Study
ELEC4901	Final Year Thesis	ELEC6910-6940	Special Topics
ELEC4902	Final Year Project in Entrepreneurship I	ELEC6950	Departmental Seminar
ELEC4903	Computer Engineering Final Year Project	ELEC6990	MPhil Thesis Research
ELEC4904	Computer Engineering Final Year Thesis	ELEC7990	Doctoral Thesis Research

Total 116 records, File: db/eecs/electronic-and-computer-engineering-ust2015

id	title	id	title
CS1109	Fundamental Programming Concepts	CS5432	Physical Computing
CS1110	Introduction to Computing Using Python	CS5434	Defending Computer Networks
CS1112	Introduction to Computing Using MATLAB	CS5435	Security and Privacy Concepts in the Wild (Offered in NYC only)
CS1114	Introduction to Computing Using MATLAB and Robotics	CS5450	Computer Networking
CS1115	Introduction to Computational Science and Engineering Using Matlab Graphical...	CS5454	Mobile and Ubiquitous Computing (Offered in NYC only)
CS1130	Transition to Object-Oriented Programming	CS5460	Parallel and Distributed Computing
CS1132	Transition to MATLAB	CS5540	Computational Techniques for Analyzing Clinical Data
CS1133	Transition to Python	CS5555	Health Tech, Data, and Systems
CS1142	Introduction to MATLAB	CS5620	Introduction to Computer Graphics
CS1300	Introductory Design and Programming for the Web	CS5621	Computer Graphics Practicum
CS1305	Computation and Culture in a Digital Age	CS5625	Interactive Computer Graphics
CS1610	Computing in the Arts	CS5643	Physically Based Animation for Computer Graphics
CS1620	Visual Imaging in the Electronic Age	CS5660	Signal Processing (Offered in NYC only)
CS1710	Introduction to Cognitive Science	CS5670	Introduction to Computer Vision
CS1810	Topics in the Analysis and Transmission of Knowledge and Information	CS5722	Heuristic Methods for Optimization
CS1830	Voting: Does Democracy Have a Voice?	CS5724	Evolutionary Computation
CS2022	Introduction to C	CS5740	Introduction to Natural Language Processing
CS2024	C++ Programming	CS5752	Robotic Manipulation
CS2043	UNIX Tools and Scripting	CS5761	Hybrid Systems
CS2048	Introduction to iPhone App Development (Offered in Ithaca and NYC)	CS5780	Machine Learning
CS2049	Intermediate iPhone App Development	CS5785	Modern Analytics (Offered in NYC only)
CS2110	Object-Oriented Programming and Data Structures	CS5786	Machine Learning for Data Science
CS2111	Programming Practicum	CS5830	Cryptography
CS2112	Object-Oriented Design and Data Structures - Honors	CS5831	Security Protocols and Privacy
CS2300	Intermediate Design and Programming for the Web	CS5840	Algorithms for Markets
CS2770	Excursions in Computational Sustainability	CS5846	Decision Theory I
CS2800	Discrete Structures	CS5860	Introduction to Formal Methods
CS2850	Networks	CS5998	Master of Engineering Internship
CS3110	Data Structures and Functional Programming	CS5999	Master of Engineering Project
CS3152	Introduction to Computer Game Architecture	CS6110	Advanced Programming Languages
CS3300	Data-Driven Web Applications	CS6112	Foundations of Concurrency
CS3410	Computer System Organization and Programming	CS6113	Language-Based Security
CS3420	Embedded Systems	CS6114	Network Programming Languages
CS3740	Computational Linguistics	CS6115	Certified Software Systems
CS3758	Autonomous Mobile Robots	CS6116	Programming Languages and Logics Laboratory
CS4090	Teaching Experience in Computer Science	CS6117	Category Theory for Computer Scientists
CS4110	Programming Languages and Logics	CS6118	Types and Semantics
CS4120	Introduction to Compilers	CS6210	Matrix Computations
CS4121	Practicum in Compilers	CS6220	Data-Sparse Matrix Computations
CS4152	Advanced Topics in Computer Game Architecture	CS6320	Advanced Database Systems
CS4154	Analytics-driven Game Design	CS6360	Educational Technology
CS4210	Numerical Analysis and Differential Equations	CS6410	Advanced Systems
CS4220	Numerical Analysis: Linear and Nonlinear Problems	CS6431	Security and Privacy Technologies (Offered in NYC and, by distance learning,...
CS4300	Language and Information	CS6452	Datacenter Networks and Services
CS4302	Web Information Systems	CS6460	Peer-to-Peer Systems
CS4320	Introduction to Database Systems	CS6620	Advanced Interactive Graphics
CS4321	Practicum in Database Systems	CS6630	Realistic Image Synthesis
CS4410	Operating Systems	CS6640	Computational Photography
CS4411	Practicum in Operating Systems	CS6644	Modeling the World
CS4420	Computer Architecture	CS6650	Computational Motion
CS4620	Introduction to Computer Graphics	CS6670	Computer Vision
CS4621	Computer Graphics Practicum	CS6700	Advanced Artificial Intelligence
CS4670	Introduction to Computer Vision	CS6702	Topics in Computational Sustainability
CS4700	Foundations of Artificial Intelligence	CS6740	Advanced Language Technologies
CS4701	Practicum in Artificial Intelligence	CS6742	Natural Language Processing and Social Interaction
CS4740	Introduction to Natural Language Processing	CS6751	Introduction to Robotic Mobile Manipulation
CS4744	Computational Linguistics	CS6756	Advanced Topics in Robot Learning: 3D Perception
CS4752	Robotic Manipulation	CS6758	Robot Learning
CS4758	Robot Learning	CS6764	Reasoning about Knowledge
CS4780	Machine Learning	CS6766	Reasoning about Uncertainty
CS4786	Machine Learning for Data Science	CS6780	Advanced Machine Learning
CS4810	Introduction to Theory of Computing	CS6782	Probabilistic Graphical Models
CS4812	Quantum Information Processing	CS6783	Machine Learning Theory
CS4820	Introduction to Analysis of Algorithms	CS6784	Advanced Topics in Machine Learning
CS4830	Introduction to Cryptography	CS6810	Theory of Computing
CS4840	Algorithms for Markets	CS6820	Analysis of Algorithms
CS4850	Mathematical Foundations for the Information Age	CS6822	Advanced Topics in Theory of Computing
CS4860	Applied Logic	CS6825	The Science Base for the Information Age
CS4999	Independent Reading and Research	CS6830	Cryptography (Offered in NYC and, by distance learning, in Ithaca)
CS5091	Conversations in the Studio (Offered in NYC only)	CS6840	Algorithmic Game Theory
CS5092	Entrepreneurial Lens (Offered in NYC only)	CS6850	The Structure of Information Networks

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| CS5110 | Programming Languages and Logics                       | CS6860 | Logics of Programs                                              |
| CS5114 | Network Programming Languages                          | CS6862 | Automated Reasoning and Formal Methods                         |
| CS5120 | Introduction to Compilers                              | CS7090 | Computer Science Colloquium                                     |
| CS5121 | Practicum in Compilers                                 | CS7190 | Seminar in Programming Languages                               |
| CS5150 | Software Engineering                                   | CS7192 | Seminar in Programming Refinement Logics                       |
| CS5152 | Open-Source Software Engineering                       | CS7290 | Seminar on Scientific Computing and Numerics                   |
| CS5191 | Studio (Offered in NYC only)                           | CS7390 | Database Seminar                                                |
| CS5220 | Applications of Parallel Computers                     | CS7412 | Scalable Distributed Consistency: Models and Applications      |
| CS5223 | Numerical Analysis: Linear and Nonlinear Problems      | CS7490 | Systems Research Seminar                                        |
| CS5300 | The Architecture of Large - Scale Information Systems   | CS7594 | Seminar on Computational Issues in Health and Medicine (Offered in NYC only) |
| CS5320 | Introduction to Database Systems (Offered in Ithaca and NYC) | CS7670 | Special Topics in Computer Vision                        |
| CS5321 | Practicum in Database Systems                          | CS7690 | Computer Graphics Seminar                                       |
| CS5356 | Building Startup Systems (Offered in NYC only)         | CS7790 | Seminar in Artificial Intelligence                             |
| CS5412 | Cloud Computing                                        | CS7794 | Seminar in Natural Language Understanding                      |
| CS5413 | High Performance Systems and Networking                | CS7890 | Seminar in Theory of Algorithms and Computing                  |
| CS5414 | Distributed Computing Principles                       | CS7893 | Cryptography Seminar                                            |
| CS5420 | Advanced Computer Architecture                         | CS7999 | Independent Research                                            |
| CS5430 | System Security                                        | CS9999 | Thesis Research                                                 |
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Total 178 records, File: db/eecs/eecs-cornell2015

id	title	id	title
COMSCI1	Freshman Computer Science Seminar	COMSCI264A	Automated Reasoning: Theory and Applications
COMSCI111	Operating Systems Principles	COMSCI269	Seminar: Current Topics in Artificial Intelligence
COMSCI112	Modeling Uncertainty in Information Systems	COMSCI275	Artificial Life for Computer Graphics and Vision
COMSCI118	Computer Network Fundamentals	COMSCI289A	Current Topics in Computer Theory
COMSCI130	Software Engineering	COMSCI289CO	Current Topics in Computer Theory: Complexity Theory
COMSCI131	Programming Languages	COMSCI298	Research Seminar: Computer Science
COMSCI132	Compiler Construction	COMSCI31	Introduction to Computer Science I
COMSCI133	Parallel and Distributed Computing	COMSCI32	Introduction to Computer Science II
COMSCI136	Introduction to Computer Security	COMSCI33	Introduction to Computer Organization
COMSCI143	Database Systems	COMSCI35L	Software Construction Laboratory
COMSCI144	Web Applications	COMSCI375	Teaching Apprentice Practicum
COMSCI145	Introduction to Data Mining	COMSCI495	Teaching Assistant Training Seminar
COMSCI152B	Digital Design Project Laboratory	COMSCIC137A	Prototyping Programming Languages
COMSCI161	Fundamentals of Artificial Intelligence	COMSCIC137B	Programming Language Design
COMSCI170A	Mathematical Modeling and Methods for Computer Science	COMSCIC237A	Prototyping Programming Languages
COMSCI174A	Introduction to Computer Graphics	COMSCIC237B	Programming Language Design
COMSCI180	Introduction to Algorithms and Complexity	COMSCICM122	Algorithms in Bioinformatics and Systems Biology
COMSCI181	Introduction to Formal Languages and Automata Theory	COMSCICM124	Computational Genetics
COMSCI183	Introduction to Cryptography	COMSCICM186	Computational Systems Biology: Modeling and Simulation of Biological Sy...
COMSCI188	Special Courses in Computer Science	COMSCICM187	Research Communication in Computational and Systems Biology
COMSCI19	Fiat Lux Freshman Seminars	COMSCICM222	Algorithms in Bioinformatics and Systems Biology
COMSCI199	Directed Research in Computer Science	COMSCICM224	Computational Genetics
COMSCI201	Computer Science Seminar	COMSCICM286	Computational Systems Biology: Modeling and Simulation of Biological Sy...
COMSCI211	Network Protocol and Systems Software Design for Wireless and Mobile	COMSCICM287	Research Communication in Computational and Systems Biology
COMSCI217A	Internet Architecture and Protocols	COMSCIM117	Computer Networks: Physical Layer
COMSCI217B	Advanced Topics in Internet Research	COMSCIM151B	Computer Systems Architecture
COMSCI218	Advanced Computer Networks	COMSCIM152A	Introductory Digital Design Laboratory
COMSCI219	Current Topics in Computer System Modeling Analysis	COMSCIM171L	Data Communication Systems Laboratory
COMSCI236	Computer Security	COMSCIM184	Introduction to Computational and Systems Biology
COMSCI239	Current Topics in Computer Science: Programming Languages and Systems	COMSCIM185	Research Opportunities in Computational and Systems Biology
COMSCI240A	Databases and Knowledge Bases	COMSCIM213A	Embedded Systems
COMSCI240B	Advanced Data and Knowledge Bases	COMSCIM213B	Energy-Aware Computing and Cyber-Physical Systems
COMSCI246	Web Information Management	COMSCIM229S	Seminar: Current Topics in Bioinformatics
COMSCI249	Current Topics in Data Structures	COMSCIM258A	Design of VLSI Circuits and Systems
COMSCI251A	Advanced Computer Architecture	COMSCIM266A	Statistical Modeling and Learning in Vision and Science
COMSCI251B	Parallel Computer Architectures	COMSCIM266B	Statistical Computing and Inference in Vision and Image Science
COMSCI252A	Arithmetic Algorithms and Processors	COMSCIM268	Machine Perception
COMSCI259	Current Topics in Computer Science: System Design/Architecture	COMSCIM276A	Pattern Recognition and Machine Learning
COMSCI260	Machine Learning Algorithms	COMSCIM282A	Cryptography
COMSCI261A	Problem Solving and Search	COMSCIM282B	Cryptographic Protocols
COMSCI262A	Reasoning with Partial Beliefs	COMSCIM296D	Introduction to Computational Cardiology
COMSCI263A	Language and Thought	COMSCIM51A	Logic Design of Digital Systems
COMSCI263C	Animats-Based Modeling		

Total 85 records, File: db/eecs/computer-science-ucla2015

id	title	id	title
ELENGR10	Circuit Theory I	ELENGR218	Network Economics and Game Theory
ELENGR100	Electrical and Electronic Circuits	ELENGR221A	Physics of Semiconductor Devices I
ELENGR101A	Engineering Electromagnetics	ELENGR221B	Physics of Semiconductor Devices II
ELENGR101B	Electromagnetic Waves	ELENGR222	Integrated Circuits Fabrication Processes
ELENGR102	Systems and Signals	ELENGR223	Solid-State Electronics I
ELENGR110	Circuit Theory II	ELENGR224	Solid-State Electronics II
ELENGR110L	Circuit Measurements Laboratory	ELENGR225	Physics of Semiconductor Nanostructures and Devices
ELENGR111L	Circuits Laboratory II	ELENGR230A	Estimation and Detection in Communication and Radar Engineering
ELENGR112	Introduction to Power Systems	ELENGR230B	Digital Communication Systems
ELENGR113	Digital Signal Processing	ELENGR230C	Algorithms and Processing in Communication and Radar
ELENGR113DA	Digital Signal Processing Design	ELENGR231A	Information Theory: Channel and Source Coding
ELENGR113DB	Digital Signal Processing Design	ELENGR231E	Channel Coding Theory
ELENGR114	Speech and Image Processing Systems Design	ELENGR232A	Stochastic Modeling with Applications to Telecommunication Systems
ELENGR115A	Analog Electronic Circuits I	ELENGR232B	Telecommunication Switching and Queueing Systems
ELENGR115AL	Analog Electronics Laboratory I	ELENGR232D	Telecommunication Networks and Multiple-Access Communications
ELENGR115B	Analog Electronic Circuits II	ELENGR232E	Graphs and Network Flows
ELENGR115C	Digital Electronic Circuits	ELENGR236A	Linear Programming
ELENGR115D	Design Studies in Electronic Circuits	ELENGR236B	Convex Optimization
ELENGR11L	Circuits Laboratory I	ELENGR238	Multimedia Communications and Processing
ELENGR121B	Principles of Semiconductor Device Design	ELENGR239AS	Special Topics in Signals and Systems
ELENGR121DA	Semiconductor Processing and Device Design	ELENGR241A	Stochastic Processes
ELENGR121DB	Semiconductor Processing and Device Design	ELENGR260A	Advanced Engineering Electrodynamics
ELENGR123A	Fundamentals of Solid-State I	ELENGR260B	Advanced Engineering Electrodynamics
ELENGR123B	Fundamentals of Solid-State II	ELENGR261	Microwave and Millimeter Wave Circuits
ELENGR128	Principles of Nanoelectronics	ELENGR262	Antenna Theory and Design
ELENGR131A	Probability and Statistics	ELENGR266	Computational Methods for Electromagnetics
ELENGR132A	Introduction to Communication Systems	ELENGR270	Applied Quantum Mechanics
ELENGR132B	Data Communications and Telecommunication Networks	ELENGR271	Classical Laser Theory
ELENGR133A	Mathematics of Design	ELENGR272	Dynamics of Lasers
ELENGR141	Principles of Feedback Control	ELENGR274	Fiber Optic System Design
ELENGR142	Linear Systems: State-Space Approach	ELENGR279AS	Special Topics in Physical and Wave Electronics
ELENGR162A	Wireless Communication Links and Antennas	ELENGR295	Academic Technical Writing for Electrical Engineers
ELENGR163A	Introductory Microwave Circuits	ELENGR296	Seminar: Research Topics in Electrical Engineering
ELENGR164DA	Radio Frequency Design Project I	ELENGR297	Seminar Series: Electrical Engineering
ELENGR164DB	Radio Frequency Design Project II	ELENGR299	M.S. Project Seminar
ELENGR170A	Principles of Photonics	ELENGR3	Introduction to Electrical Engineering
ELENGR170B	Photonic Devices and Circuits	ELENGR375	Teaching Apprentice Practicum
ELENGR170C	Photonic Sensors and Solar Cells	ELENGR99	Student Research Program
ELENGR173DA	Photonics and Communication Design	ELENGRCM150	Introduction to Micromachining and Microelectromechanical Systems (MEMS)
ELENGR173DB	Photonics and Communication Design	ELENGRCM150L	Introduction to Micromachining and Microelectromechanical Systems (MEM...
ELENGR176	Photonics in Biomedical Applications	ELENGRCM182	Science, Technology, and Public Policy
ELENGR180DA	Systems Design	ELENGRCM250A	Introduction to Micromachining and Microelectromechanical Systems (MEMS)
ELENGR180DB	Systems Design	ELENGRCM250L	Introduction to Micromachining and Microelectromechanical Systems (MEM...
ELENGR188	Special Courses in Electrical Engineering	ELENGRCM282	Science, Technology, and Public Policy
ELENGR199	Directed Research in Electrical Engineering	ELENGRM116C	Computer Systems Architecture
ELENGR2	Physics for Electrical Engineers	ELENGRM116L	Introductory Digital Design Laboratory
ELENGR201A	VLSI Design Automation	ELENGRM117	Computer Networks: Physical Layer
ELENGR201D	Design in Nanoscale Technologies	ELENGRM16	Logic Design of Digital Systems
ELENGR202C	Networked Embedded Systems Design	ELENGRM171L	Data Communication Systems Laboratory
ELENGR205A	Matrix Analysis for Scientists and Engineers	ELENGRM185	Introduction to Plasma Electronics
ELENGR209AS	Special Topics in Circuits and Embedded Systems	ELENGRM202A	Embedded Systems
ELENGR209BS	Seminar: Circuits and Embedded Systems	ELENGRM202B	Energy-Aware Computing and Cyber-Physical Systems
ELENGR210A	Adaptation and Learning	ELENGRM214A	Digital Speech Processing
ELENGR210B	Inference over Networks	ELENGRM216A	Design of VLSI Circuits and Systems
ELENGR211A	Digital Image Processing I	ELENGRM217	Biomedical Imaging
ELENGR214B	Advanced Topics in Speech Processing	ELENGRM240A	Linear Dynamic Systems
ELENGR215A	Analog Integrated Circuit Design	ELENGRM250B	Microelectromechanical Systems (MEMS) Fabrication
ELENGR215B	Advanced Digital Integrated Circuits	ELENGRM252	Microelectromechanical Systems (MEMS) Device Physics and Design
ELENGR215C	Analysis and Design of RF Circuits and Systems	ELENGRM255	Neuroengineering
ELENGR215D	Analog Microsystem Design	ELENGRM256A	Evaluation of Research Literature in Neuroengineering
ELENGR215E	Signaling and Synchronization	ELENGRM257	Nanoscience and Technology
ELENGR216B	VLSI Signal Processing		

Total 123 records, File: db/eecs/electrical-engineering-ucla2015