

Engineering Exchange Courses Master List

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
431.221	Fundamentals of Signals and Systems	University of Melbourne	AUSTRALIA	ELECTENG 303	15.00
431.327	Communication System	University of Melbourne	AUSTRALIA	ELECTENG 305	15.00
431.330	Design Laboratory	University of Melbourne	AUSTRALIA	ELECTENG 311	15.00
640.381	Principles and Application of Sensors	University of Melbourne	AUSTRALIA	ELECTENG 428	15.00
CVEN3201	Applied Geotechnics & Engineering Geology	University of New South Wales	AUSTRALIA	CIVIL 322	10.00
CVEN3301	Structural Analysis and Modelling	University of New South Wales	AUSTRALIA	CIVIL 312	15.00
CVEN3401	Sustainable Transport & Highway Engineering	University of New South Wales	AUSTRALIA	CIVIL 360	10.00
CVEN3501	Water Resources Engineering	University of New South Wales	AUSTRALIA	CIVIL 331	10.00
ENGG0360	Communication in Engineering	University of New South Wales	AUSTRALIA	ENGGEN 204	15.00
MATH 3121	Mathematical Methods & PPE	University of New South Wales	AUSTRALIA	ENGSCI 311	15.00
MATSZ 005	Intro to Fluid flow Heat transfer	University of New South Wales	AUSTRALIA	MECHENG 211	15.00
MECH 3540	Computational Engineering	University of New South Wales	AUSTRALIA	MECHENG 334	15.00
MMAN 2300	Engineering Mechanics 2	University of New South Wales	AUSTRALIA	MECHENG 222	15.00
MMAN 2700	Thermo Dynamics	University of New South Wales	AUSTRALIA	MECHENG 311	15.00
MMAN 3200	Linear systems and control	University of New South Wales	AUSTRALIA	MECHENG 322	15.00
MMAN 3400	Mechanics of Solids 2	University of New South Wales	AUSTRALIA	MECHENG 340	15.00
MMAN 4400	Engineering management	University of New South Wales	AUSTRALIA	ENGGEN 303	15.00
NAVL3410	Ship Structures	University of New South Wales	AUSTRALIA	MECHENG 334	15.00
NAVL3610	Ship Hydrostatics and Practice	University of New South Wales	AUSTRALIA	MECHENG PART 4	15.00
ELEC 3400	Electronic Circuits	University of Queensland	AUSTRALIA	MECHENG 370	15.00
MATH2100 + STAT2004	Applied Mathematical Analysis + Statistical Modelling & Analysis	University of Queensland	AUSTRALIA	ENGSCI 311	15.00
MECH 3600 + ENGG 4800	Eng Management + communication	University of Queensland	AUSTRALIA	ENGGEN 303	15.00
MECH3100	Mechanics and Space Systems Design	University of Queensland	AUSTRALIA	MECHENG PART 4	15.00

MECH3200	Advanced Dynamics and vibrations	University of Queensland	AUSTRALIA	MECHENG 325	15.00
METR 3100	Sensor and activators	University of Queensland	AUSTRALIA	MECHENG 312	15.00
METR 3200 + ELEC 3004	Intro to control systems + signals, systems & control	University of Queensland	AUSTRALIA	MECHENG 322	15.00
CHNG 3804	Biochemical Engineering	University of Sydney	AUSTRALIA	CHEMMAT 464	15.00
CHNG 3806	Management of Industrial Systems	University of Sydney	AUSTRALIA	ENGGEN 403	15.00
CHNG 3807	Products and Valve Chains	University of Sydney	AUSTRALIA	ENGGEN PART 3	15.00
MATH 3708	PDE's and Waves	University of Sydney	AUSTRALIA	ENGSCI 311	15.00
PCC 2301	Management & Production in Construction 1	University of Sao Paulo	BRAZIL	ENGGEN 303	15.00
PEA 2596	Energy & Environmental	University of Sao Paulo	BRAZIL	ENVENG 341	15.00
PEF 2305	Soil Mechanics	University of Sao Paulo	BRAZIL	CIVIL 322	10.00
PHO 2303	Hydraulics 1	University of Sao Paulo	BRAZIL	CIVIL 331	10.00
PHO 2344	Natural Resource Management	University of Sao Paulo	BRAZIL	ENGGEN 303	15.00
PTR 2378	Infrastructure Project	University of Sao Paulo	BRAZIL	CIVIL 360	10.00
BREE 324	Elements of Food Engineering	McGill University	CANADA	CHEMMAT 756	15.00
BREE 420	Engineering for Sustainability	McGill University	CANADA	ENGGEN 303	15.00
BUSA 465	Technological Entrepreneurship	McGill University	CANADA	ENGGEN 303	15.00
CCOM 206	Communication in Engineering	McGill University	CANADA	ENGGEN 204	15.00
CHEE 351	Separation Processes	McGill University	CANADA	CHEMMAT 312	15.00
CHEE 370	Elements of Biotechnology	McGill University	CANADA	CHEMMAT 464	15.00
CHEE 392	Project Laboratory 1	McGill University	CANADA	CHEMMAT PART 3	15.00
CHEE 423	Chemical Reaction Engineering	McGill University	CANADA	CHEMMAT 315	15.00
CHEE 453	Process Design	McGill University	CANADA	CHEMMAT 331	15.00
CHEE 510	Advanced Separation Processes	McGill University	CANADA	ENGGEN PART 4	15.00
CIVE 225	Environmental; Engineering	McGill University	CANADA	ENVENG 341	15.00
CIVE 311	Geotechnical Mechanics	McGill University	CANADA	CIVIL 324	10.00
CIVE 319	Transportation Engineering	McGill University	CANADA	CIVIL 360	10.00
CIVE 320	Numerical Methods	McGill University	CANADA	ENGSCI 311	15.00
CIVE 320	Numerical Methods	McGill University	CANADA	ENGSCI 311	15.00
CIVE 323	Hydrology and Water Resources	McGill University	CANADA	ENVENG 333	15.00

CIVE 324	Sustainable Project Management	McGill University	CANADA	ENGGEN 303	15.00
CIVE 327	Fluid Mechanics and Hydraulics	McGill University	CANADA	CIVIL 331	10.00
CIVE 416	Geotechnical Engineering	McGill University	CANADA	CIVIL 322	10.00
CIVE 430	Water Treatment and Pollution Control	McGill University	CANADA	ENVENG 342	15.00
CIVE 440	Traffic Engineering	McGill University	CANADA	CIVIL 361	10.00
CIVE 446	Construction Engineering	McGill University	CANADA	CIVIL 409	15.00
CIVE 462	Design of steel structure	McGill University	CANADA	CIVIL 313	15.00
CIVE 514	Structural Mechanics	McGill University	CANADA	MECHENG 340	15.00
CIVE 540	Transportation Planning	McGill University	CANADA	CIVIL 361	10.00
COMP 251	Algorithms and Data Structures	McGill University	CANADA	COMPSYS 302	15.00
COMP 330	Theory of Computation	McGill University	CANADA	SOFTENG 211	15.00
COMP 350	Numerical Computing	McGill University	CANADA	ENGSCI 331	15.00
COMP 566	Discrete Optimisation 1	McGill University	CANADA	ENGSCI 391	15.00
ECSE 211	Design Principles and Methods	McGill University	CANADA	ENGGEN 303	15.00
ECSE 211 and COMP 206	Design Principles & Methods/Intro to Software Systems	McGill University	CANADA	SOFTENG 206	15.00
ECSE 303	Signal and Systems 1	McGill University	CANADA	ELECTENG 303	15.00
ECSE 321	Introduction to Software Engineering	McGill University	CANADA	SOFTENG 254	15.00
ECSE 321	Introduction to Software Engineering	McGill University	CANADA	SOFTENG 325	15.00
ECSE 322	Computer Engineering	McGill University	CANADA	COMPSYS 304	15.00
ECSE 323	Digital Systems Design	McGill University	CANADA	MECHENG 371	15.00
ECSE 323	Digital Systems Design	McGill University	CANADA	ELECTENG 311	15.00
ECSE 323	Digital Systems Design	McGill University	CANADA	ELECTENG 310	15.00
ECSE 334	Introduction to Microelectronics	McGill University	CANADA	ELECTENG 305	15.00
ECSE 351	Electromagnetic Fields	McGill University	CANADA	ELECTENG 307	15.00
ECSE 361	Power Engineering	McGill University	CANADA	ELECTENG 309	15.00
ECSE 426	Microprocessor Systems	McGill University	CANADA	MECHENG 313	15.00
FACC 300	Engineering Economy	McGill University	CANADA	ENGGEN 303	15.00
INTO200	Introduction to International Development	McGill University	CANADA	ENGSCI PART 2	15.00
MATH 262	Intermediate Calculus	McGill University	CANADA	ENGSCI 311	15.00

MATH 271	Linear Algebra and Partial Differential Equations	McGill University	CANADA	ENGSCI 311	15.00
MATH 271	Linear Algebra and Partial Differential Equations	McGill University	CANADA	ENGSCI 313	15.00
MATH 319 + MATH 324	Intro. to Partial Differential Equations + Statistics	McGill University	CANADA	ENGSCI 314	15.00
MATH 381	Complex Variables and Transforms	McGill University	CANADA	ENGSCI 313	15.00
MATH 417	Mathematical Programming	McGill University	CANADA	Elective Part 3	15.00
MECH 321	Mechanics of Deformable Solids	McGill University	CANADA	MECHENG 340	15.00
MECH 331	Fluid Mechanics	McGill University	CANADA	MECHENG 325	15.00
MECH 331	Fluid Mechanics 1	McGill University	CANADA	Elective Part 3	15.00
MECH 393	Machine Element Design	McGill University	CANADA	ENGSCI 363	15.00
MECH 412	Dynamics and Control	McGill University	CANADA	MECHENG 322	15.00
MECH 528	Product Design	McGill University	CANADA	MECHENG 334	15.00
MECH 539	Computational Aerodynamics	McGill University	CANADA	MECHENG PART 3	15.00
MECH 321	Mechanics of Deformable Solids	McGill University	CANADA	MECHENG340	15.00
MECH 393	Machine Element Design	McGill University	CANADA	MECHENG334	15.00
MECH 412	System Dynamics and Control	McGill University	CANADA	MECHENG322	15.00
MIME 310	Engineering Economy	McGill University	CANADA	ENGEN 303	15.00
MIME 320	Extraction of Energy Resources	McGill University	CANADA	CHEMMAT PART 3	15.00
MIME 340	Applied Fluid Dynamics	McGill University	CANADA	CHEMMAT 313	15.00
MIME 352	Hydrochemical Processing	McGill University	CANADA	CHEMMAT 317	15.00
ECSE 361	Power Engineering	McGill University	CANADA	ELECTENG 307	15.00
ECSE 323	Digital System Design	McGill University	CANADA	ELECTENG 310	15.00
MATH 381	Complex Variables and Transforms	McGill University	CANADA	ENGSCI 313	15.00
MATH 271	Linear Algebra and Partial Differential Equations	McGill University	CANADA	ENGSCI 313	15.00
COMP 251	Algorithms and Data Structures	McGill University	CANADA	COMPSYS 302	15.00
MIME 452	Process & Materials Design	McGill University	CANADA	CHEMMAT 331	15.00
MIME 456	Steelmaking and steel processing	McGill University	CANADA	CHEMMAT 322	15.00
COMP ENG2D14	Logic Design	McMaster University	CANADA	MECHENG 371	15.00
MECH ENG 3004	Fluid Mechanics	McMaster University	CANADA	MECHENG 325	15.00
MECH ENG 3FO4	Modelling and Numerical Solutions	McMaster University	CANADA	ENGSCI 311	15.00

MECH ENG 4QO3	Mechanical Vibrations	McMaster University	CANADA	MECHENG 325	15.00
SFWR ENG 2GA3	Computer Architecture	McMaster University	CANADA	MECHENG 313	15.00
CHEE 209	Analysis of Process Data	Queen's University	CANADA	ENGSCI 311	15.00
CHEE 321	Chemical Reaction Energy	Queen's University	CANADA	CHEMMAT 315	15.00
CHEE 340	Biomedical Engineering	Queen's University	CANADA	CHEMMAT PART 3 ELECTIVE	15.00
CHEE 342	Environmental Biotechnology	Queen's University	CANADA	CHEMMAT 317 / ELECTIVE	15.00
CHEE 380	Biomechanical Engineering	Queen's University	CANADA	CHEMMAT PART 3 ELECTIVE	15.00
CHEE 418	Strategies Investigations	Queen's University	CANADA	ENGSCI 311	15.00
ELEC 323	Signals and Systems I	Queen's University	CANADA	ELECTENG 303	15.00
ELEC 333	Electric Machines	Queen's University	CANADA	ELECTENG 309	15.00
ELEC 353	Electronics II	Queen's University	CANADA	ELECTENG 305	15.00
ELEC 381	Applications of Electromagnetics	Queen's University	CANADA	ELECTENG 309	15.00
ELEC 443	Control System I	Queen's University	CANADA	ELECTENG 303	15.00
ENCH 312	Transitional Metal Chemistry	Queen's University	CANADA	CHEMMAT PART 3 ELECTIVE	15.00
MINE 331	Methods of Manual Separation	Queen's University	CANADA	CHEMMAT 313	15.00
CIVE 411	Transportation Engineering II	University of Alberta	CANADA	CIVIL 361	10.00
CIVE 431	Water Resources Engineering	University of Alberta	CANADA	ENVENG 333	10.00
CIVE 474	Structural Design II	University of Alberta	CANADA	CIVIL 313	15.00
CIVE 631	Engineering Fluid Mechanics	University of Alberta	CANADA	CIVIL 332	10.00
MATH 300	Advanced Boundary Value of Problems I	University of Alberta	CANADA	ENGSCI 311	15.00
CHBC 230	Computational Methods	University of British Columbia	CANADA	ENGSCI 263	15.00
CHBE 244	Chemical & Biomedical thermodynamics	University of British Columbia	CANADA	CHEMMAT 212	15.00
ELECT 311	Electromagnetic Fields and Waves	University of British Columbia	CANADA	ELECTENG 307	15.00
CPEN 311	Digital Systems Design	University of British Columbia	CANADA	ELECTENG 310	15.00
MATH 305	Applied Complex Analysis	University of British Columbia	CANADA	ENGSCI 313	15.00
CPSC 320	Intermediate Algorithm Design and Analysis	University of British Columbia	CANADA	COMPSYS 302	15.00
APSC 440	Management Fundamentals for Technology	University of British Columbia	CANADA	ENGGEN 303	15.00
CHBE 251	Transport Phenomena 1	University of British Columbia	CANADA	CHEMMAT 213	15.00

CHBE 344	Unit Operations I	University of British Columbia	CANADA	CHEMMAT 313	15.00
CHBE 345	Unit Operations 2	University of British Columbia	CANADA	CHEMMAT 312	15.00
CHBE 356	Process Dynamics & Control	University of British Columbia	CANADA	Part III Elective	15.00
CHBE 373	Water Pollution Control	University of British Columbia	CANADA	ENGVENG 342	15.00
CHBE 373	Water Pollution Control	University of British Columbia	CANADA	ELECTIVE	15.00
CHBE 376	Computer Flow Sheeting	University of British Columbia	CANADA	CHEMMAT 331	15.00
CHBE 455	Kinetics and Reactor Design	University of British Columbia	CANADA	CHEMMAT 315	15.00
CHBE 483	Energy Engineering	University of British Columbia	CANADA	ELECTIVE	15.00
CHBE 485	Air pollution preservation and control	University of British Columbia	CANADA	ENVENG 342	15.00
CHBE 485	Air pollution preservation and control	University of British Columbia	CANADA	ELECTIVE	15.00
CIVL 210	Soil Mechanics	University of British Columbia	CANADA	CIVIL 221	10.00
CIVL 230	Solid Mechanics 1	University of British Columbia	CANADA	CIVIL 211	10.00
CIVL 301	Optimisation & Decision Analysis in Civil Eng	University of British Columbia	CANADA	ENGGEN 303	15.00
CIVL 301	Optimization & Decision Analysis in Civil Eng Managing Projects & Innovation	University of British Columbia	CANADA	ENGGEN303	15.00
CIVL 311	Soil Mechanics II	University of British Columbia	CANADA	CIVIL 322	10.00
CIVL 315	Fluid Mechanics II	University of British Columbia	CANADA	CIVIL 332	10.00
CIVL 315	Fluid Mechanics II	University of British Columbia	CANADA	CIVIL331	10.00
CIVL 316	Hydrology + Flow	University of British Columbia	CANADA	ENVENG 333	10.00
CIVL 316	Hydrology and Open Channel Flow	University of British Columbia	CANADA	CIVIL 332	10.00
CIVL 320	Civil engineering materials	University of British Columbia	CANADA	CIVIL 250	10.00
CIVL 331	Steel and Timber Design	University of British Columbia	CANADA	CIVIL 312	15.00
CIVL 340	Transportation Engineering I	University of British Columbia	CANADA	CIVIL 360	10.00
CIVL 400	Construction Engineering & Management	University of British Columbia	CANADA	ENGGEN 303	15.00
CIVL 403	Engineering Economic Analysis	University of British Columbia	CANADA	ENGGEN 303	15.00
CIVL 406	Water treatment and waste management	University of British Columbia	CANADA	ENVENG 244	15.00
CIVL 406	Water treatment	University of British Columbia	CANADA	ENVENG 342	15.00
CIVL 407	Environmental lab analysis	University of British Columbia	CANADA	ENVENG 343	10.00
CIVL 410	Foundation engineering	University of British Columbia	CANADA	CIVIL 421	15.00
CIVL 416	Environmental Hydraulics	University of British Columbia	CANADA	ENVENG 342	15.00

CIVL 418	Engineering Hydrology	University of British Columbia	CANADA	ENVENG 333	10.00
CIVL 430	Design of Concrete Structures	University of British Columbia	CANADA	CIVIL 313	15.00
CIVL 432	Advanced Structural Steel Design	University of British Columbia	CANADA	CIVIL PART 3 UNSPECIFIED	10.00
CIVL 436	Matrix structure analysis	University of British Columbia	CANADA	CIVIL 416	15.00
CIVL 439	Design timber Structures	University of British Columbia	CANADA	CIVIL 451	15.00
CIVL 440	Transportation Engineering II	University of British Columbia	CANADA	CIVIL 361	10.00
EOSC 329	Ground water Hydrology	University of British Columbia	CANADA	ENVENG 333	10.00
EOSC 429	Groundwater Contamination	University of British Columbia	CANADA	ENVENG PART 3	10.00
IGEN 201	Integrated technical communication	University of British Columbia	CANADA	ENGGEN 204	15.00
IGEN 201	Integrated technical communication	University of British Columbia	CANADA	ENGGEN 204	15.00
MATH 257	Partial Differential Equations	University of British Columbia	CANADA	ENGSCI 311	15.00
MATH 302	Introduction to Probability	University of British Columbia	CANADA	STATS 210	15.00
MATH 303	Introduction to Stochastic Processes	University of British Columbia	CANADA	Part III Elective	15.00
MECH 222	Engineering Science II	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 223	Mechanical Design	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 328	Mechanical Engineering Design Project	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 329	Materials for Mechanical Design	University of British Columbia	CANADA	CHEMMAT 221	15.00
MECH 358	Engineering Analysis	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 386	Industrial Fluid Mechanics	University of British Columbia	CANADA	ENSCI 263	15.00
MTRL 280	Materials in Design	University of British Columbia	CANADA	CHEMMAT 232	15.00
MTRL 340	Manufacturing in Materials Engineering	University of British Columbia	CANADA	CHEMMAT 322	15.00
MTRL 358	Hydrometallurgy I	University of British Columbia	CANADA	ELECTIVE	15.00
MTRL 361	Modelling Materials Processes	University of British Columbia	CANADA	CHEMMAT 212	15.00
MTRL 361	Modelling of Materials Processes	University of British Columbia	CANADA	ELECTIVE	15.00
MTRL 392	Engineering Technical Communications	University of British Columbia	CANADA	ENGGEN 204	15.00
MTRL 398	Written communication for Engineers	University of British Columbia	CANADA	ENGGEN 204	15.00
MTRL 460	Monitoring and Optimization of Materials	University of British Columbia	CANADA	ELECTIVE	15.00
SCIE 300	Communicating Science	University of British Columbia	CANADA	ENGGEN 204	15.00
STATS 203	Statistical Methods	University of British Columbia	CANADA	STATS 210	15.00

AMAT491	Numerical Analysis I	University of Calgary	CANADA	ENGSCI 311	15.00
ENCI 423	Geotechnical Engineering	University of Calgary	CANADA	CIVIL 322	15.00
ENCI 451	Structural Engineering	University of Calgary	CANADA	CIVIL 312	15.00
ENCI 471	Project Management 1	University of Calgary	CANADA	ENGGEN 303	15.00
ENCI 473	Transportation Engineering	University of Calgary	CANADA	CIVIL 361	15.00
ENCI 513	Structural Concrete Materials and Design	University of Calgary	CANADA	CIVIL PART 4	15.00
ENCI 535	Concrete and Masonry Materials Construction	University of Calgary	CANADA	CIVIL 331	10.00
ENCI 565	Project Management 2	University of Calgary	CANADA	ENGGEN 303	15.00
ENEL 407	Numerical Methods in ENEL	University of Calgary	CANADA	ENGSCI 311	15.00
ENGG 209	Engineering Economics	University of Calgary	CANADA	ENGGEN 303	15.00
ENGG 317	Mechanics of Solids	University of Calgary	CANADA	MECHENG 242	15.00
ENME 402	Water Resources Engineering	University of Calgary	CANADA	CIVIL 331	15.00
ENME 471	Heat Transfer	University of Calgary	CANADA	MECHENG 311	15.00
ENME 473	Fundamentals of Kinematic and Dynamics of Machines	University of Calgary	CANADA	MECHENG 334	15.00
ENME 479	Mechanics of Materials	University of Calgary	CANADA	MECHENG 340	15.00
ENME 485	Thermodynamics	University of Calgary	CANADA	MECHENG 311	15.00
ENME 493	Machine Component Design	University of Calgary	CANADA	MECHENG 334	15.00
ENME 495	Fluid Mechanics	University of Calgary	CANADA	CIVIL 331	15.00
ENME 503	Computer Aided Design and Manufacturing	University of Calgary	CANADA	MECHENG 334	15.00
ENME 547	Element Method	University of Calgary	CANADA	MECHENG PART 4	15.00
ENME 585	Control Systems	University of Calgary	CANADA	MECHENG 322	15.00
ENME 599	Machine Dynamics	University of Calgary	CANADA	MECHENG 325	15.00
ENMF 415	Manufacturing Systems I	University of Calgary	CANADA	MECHENG 352	15.00
ENTI 201	Introduction to Business Venturing	University of Calgary	CANADA	ENGGEN 303	15.00
OPMA 301	Introduction to production end operations mgmnt.	University of Calgary	CANADA	ENGGEN 303	15.00
CPEN 311	Digital Systems Design	University of Columbia	CANADA	ELECTENG 310	15.00
CPSC 320	Intermediate Algorithm Design and Analysis	University of Columbia	CANADA	COMPSYS 302	15.00
ELEC 311	Electromagnetic Fields and Waves	University of Columbia	CANADA	ELECTENG 307	15.00
ELEC 391	Electrical Engineering Design Studio	University of Columbia	CANADA	ENGGEN 303	15.00

MATH 305	Applied Complex Analysis	University of Columbia	CANADA	ENGSCI 313	15.00
AER 373H1	Mechanics of Solids and Structures	University of Toronto	CANADA	ENGSCI PART 3	15.00
APM 384H1	Partial Differential Equations	University of Toronto	CANADA	ENGSCI PART 3 UNSPECIFIED	15.00
APS 106H1	Fundamentals of Computer Programming	University of Toronto	CANADA	COMPSYS 302	15.00
CIV332H1	Transport II - Performance	University of Toronto	CANADA	CIVIL 361	10.00
CIV340H1	Municipal Engineering	University of Toronto	CANADA	CIVIL PART 4	15.00
CIV488H1	Entrepreneurship and Business for Engineers	University of Toronto	CANADA	ENGGEN 303	15.00
CSC318H1	The Design of Interactive Computational Media	University of Toronto	CANADA	SOFTENG 306	15.00
CSC467H1	Compilers & Interpreters	University of Toronto	CANADA	SOFTENG 325	15.00
ECE344H1	Operating Systems	University of Toronto	CANADA	SOFTENG 370	15.00
ECE311H1	Dynamic Systems and Control	University of Toronto	CANADA	MECHENG 322	15.00
ECE342H1	Computer Hardware	University of Toronto	CANADA	COMPSYS 305	15.00
ECE361H1	Computer Networks 1	University of Toronto	CANADA	COMPSYS 405	15.00
ECE472H1	Engineering Economic Analysis & Entrepreneurship	University of Toronto	CANADA	ENGGEN 303	15.00
ESC471H1	Engineering Science Capstone Design	University of Toronto	CANADA	ENGSCI 363	15.00
MIE303H1	Mechanical and Thermal Energy Conversion Processes	University of Toronto	CANADA	MECHENG 311	15.00
MIE320H1	Mechanics of Solids II	University of Toronto	CANADA	MECHENG 340	15.00
MIE 334	Numerical Methods I	University of Toronto	CANADA	ENGSCI 331	15.00
MIE335H1	Algorithms & Numerical Methods	University of Toronto	CANADA	ENGSCI 331	15.00
MIE365H1	Operations Research III: Advanced OR	University of Toronto	CANADA	ENGSCI PART 3 UNSPECIFIED	15.00
MIE365H1F	Operations Research III: Advanced OR	University of Toronto	CANADA	ENGSCI 355	15.00
BIOL2501	Food Processing & Preservation	University of Hong Kong	CHINA	CHEMMAT 463	15.00
BIOL3317	Microbial Biotechnology	University of Hong Kong	CHINA	CHEMMAT 464	15.00
ELEC 2441	Computer Organization & microprocessors	University of Hong Kong	CHINA	MECHENG 313	15.00
ELEC 3342	Digital System Design	University of Hong Kong	CHINA	MECHENG 371	15.00
MECH 3407	Advanced partial & differential equations & complex variables	University of Hong Kong	CHINA	ENGSCI 311	15.00
MECH 3418	Dynamics and Control	University of Hong Kong	CHINA	MECHENG 345	15.00
MECH 6024	Applied Mathematics for Engineers	University of Hong Kong	CHINA	ENGSCI 311	15.00

CIVIL 2410	Environmental Engineering and Management	Hong Kong University of Science and Technology	CHINA	ENVENG 341	15.00
CIVIL 3010	Academic and Professional Development 3	Hong Kong University of Science and Technology	CHINA	ENGGEN 303	15.00
CIVIL 3520	Hydraulics	Hong Kong University of Science and Technology	CHINA	CIVIL 331	10.00
CIVIL 3610	Traffic and Transportation Engineering	Hong Kong University of Science and Technology	CHINA	CIVIL 360	10.00
CIVIL 3720	Soil Mechanics	Hong Kong University of Science and Technology	CHINA	CIVIL 322	10.00
COMP 3031+ COMP 3711	Principles of Programming Languages/Design and Analysis of Algorithms	Hong Kong University of Science and Technology	CHINA	SOFTENG 211	15.00
COMP 3111	Software Engineering Design	Hong Kong University of Science and Technology	CHINA	SOFTENG 206	15.00
COMP 3511	Operating Systems	Hong Kong University of Science and Technology	CHINA	SOFTENG 370	15.00
COMP 3721	Theory of Computation	Hong Kong University of Science and Technology	CHINA	SOFTENG 211	15.00
ELEC 3300	Intro to Embedded Systems	Hong Kong University of Science and Technology	CHINA	COMPSYS 303	15.00
MW 2142	Biotechnology for Engineers	Technical University of Munich	GERMANY	Part 1 Unspecified	15.00
MW 2149	Introduction to Wind Theory	Technical University of Munich	GERMANY	Part 1 Unspecified	15.00
WI 000809	Entrepreneurial Idea Development	Technical University of Munich	GERMANY	Part 1 Unspecified	15.00
ACM 30030	Multivariable calculus Eng 2	University College Dublin	IRELAND	ENGSCI 311`	15.00
ACM 30160	Mathematics for Engineers IV	University College Dublin	IRELAND	ENGSCI 311	15.00
CVEN 30040	Design of Structures	University College Dublin	IRELAND	CIVIL 313	15.00
CVEN 30060	Engineering Hydraulics II	University College Dublin	IRELAND	CIVIL 332	10.00
CVEN 30100	Theory and Design of Structures	University College Dublin	IRELAND	CIVIL 314	10.00
CVEN 40220	Intro to Winter Resources Engineering I	University College Dublin	IRELAND	ENVENG 333	10.00
CVEN 40450	Road safety audits for ENG	University College Dublin	IRELAND	CIVIL 361	10.00
ECON 30260	Transport Economics	University College Dublin	IRELAND	CIVIL 361	15.00
MEEN 30020	Mechanics of Solids	University College Dublin	IRELAND	MECHENG 340	15.00
MEEN 30040	Measurement and Instrumentation	University College Dublin	IRELAND	MECHENG 322	15.00
Control Engineering I	Control Engineering I	Tohoku University Sendai	JAPAN	MECHENG 322	15.00
Engineering Ethics	Engineering Ethics	Tohoku University Sendai	JAPAN	ENGGEN 303	15.00

Fracture Mechanics	Fracture Mechanics	Tohoku University Sendai	JAPAN	MECHENG 340	15.00
Fundamental Theory of Electrical Circuit	Fundamental Theory of the Electrical Circuit	Tohoku University Sendai	JAPAN	ELECTENG 101	15.00
Introduction to Theory & Technology Policy	Introduction to Theory & Technology Policy	Tohoku University Sendai	JAPAN	ENGGEN 303	15.00
Material System Dynamics	Material System Dynamics	Tohoku University Sendai	JAPAN	MECHENG 340	15.00
Mechanics of Materials II	Mechanics of Materials II	Tohoku University Sendai	JAPAN	MECHENG 340	15.00
KHBE 323	Biomedical Imaging 1	Korea University	SOUTH KOREA	BIOMENG 341	15.00
KHBE 311	Biomedical Signals and Systems	Korea University	SOUTH KOREA	BIOMENG 341	15.00
PHYS 401	Computational Physics	Korea University	SOUTH KOREA	ENGSCI 331	15.00
PHYS 491	Biophysics	Korea University	SOUTH KOREA	MEDSCI 309	15.00
400.312	Management for Engineers	Seoul National University	SOUTH KOREA	ENGGEN 204	15.00
4190.101	Computer Programming	Seoul National University	SOUTH KOREA	MECHENG 270	15.00
010.102	Calculus - 2	Seoul National University	SOUTH KOREA	ENGSCI 311	15.00
457.306	Theory of reinforced concrete & Fab2	Seoul National University	SOUTH KOREA	CIVIL 313	15.00
457.318	Geotechnical Engineering	Seoul National University	SOUTH KOREA	CIVIL 324	10.00
457.412	Design of Transportation System	Seoul National University	SOUTH KOREA	CIVIL 361	10.00
M2794.001200	Dynamics	Seoul National University	SOUTH KOREA	MECHENG 222	15.00
M2794.001300	Fluid Mechanics	Seoul National University	SOUTH KOREA	MECHENG 211	15.00
705003+715001	Engineering Computing + Engineering Computation I	Auckland Uni of Technology	NEW ZEALAND	ENGGEN 131	15.00
DCE%556	Engineering Surveying	New Zealand Institute of Highway Technology	NEW ZEALAND	CIVIL 201	10.00
ENCI 231	Structural Mechanics 1	University of Canterbury	NEW ZEALAND	CIVIL 312	15.00
Maths 199	Advancing in Mathematical Sciences	University of Canterbury	NEW ZEALAND	ENGSCI 111	15.00

CHEM 191	Biological Chemistry	University of Otago	NEW ZEALAND	ENGGEN 140	15.00
CHEE08009	Thermodynamics 2	University of Edinburgh	SCOTLAND	CHEMMAT312	15.00
CHEE09011	Chemical Engineering Thermodynamics 3	University of Edinburgh	SCOTLAND	CHEMMAT312	15.00
CHEE09015	Chemical Engineering Design 3	University of Edinburgh	SCOTLAND	CHEMMAT331	15.00
MAEE08002	Techniques of management	University of Edinburgh	SCOTLAND	ENGGEN 303	15.00
MAEE09003	Marketing Technical Products 3	University of Edinburgh	SCOTLAND	ENGGEN 303	15.00
MATH10073	Linear Programming, Modelling and Solution	University of Edinburgh	SCOTLAND	ENGSCI 391	15.00
MECE09011	Fluid Mechanics	University of Edinburgh	SCOTLAND	ENGSCI 343	15.00
MECE09013	Manufacturing Technology 3	University of Edinburgh	SCOTLAND	CHEMMAT322	15.00
MECE09013	Manufacturing Technology 3	University of Edinburgh	SCOTLAND	Elective	15.00
MECE09026	Sustainable Energy Group Design Project 3	University of Edinburgh	SCOTLAND	ENGGEN303	15.00
MECE10009	Polymers and Composite Materials 4	University of Edinburgh	SCOTLAND	Elective	15.00
SCEE11001	Nanotechnology 5	University of Edinburgh	SCOTLAND	Elective	15.00
BN3101	Biomedical Engineering Design	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
BN3301	Introduction to Biomaterials	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
BN4201	Musculoskeletal Biomechanics	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
BN4301	Principles of Tissue Engineering	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
BN4402	Electrophysiology	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
BN4404	Bioelectromechanical Systems - Biomems	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
BN4406	Biophotonics and Bioimaging	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
BN5101	Engineering Principles in Medicine I	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
BN5205	Computational Biomechanics	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
CE2183	Course Project Management	National University of Singapore	SINGAPORE	CIVIL 409	15.00
CE2407	Engineering & Uncertainty Analyses	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
CE3115	Geotechnical Engineering	National University of Singapore	SINGAPORE	CIVIL 324	10.00
CE3121	Transportation Engineering	National University of Singapore	SINGAPORE	CIVIL 361	10.00
CE3132	Water Resource Engineering	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE3302	Transport Engineering	National University of Singapore	SINGAPORE	CIVIL 361	10.00
CE4321	Foundation	National University of Singapore	SINGAPORE	CIVIL 421	15.00

CE4324	Mechanics of Materials	National University of Singapore	SINGAPORE	CIVIL PART 3	10.00
CE4331	Water Systems	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE4347	Design	National University of Singapore	SINGAPORE	CIVIL 313	15.00
CE5101	Seepage and Consolidation	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE5203	Traffic Flow and Control	National University of Singapore	SINGAPORE	CIVIL 361	10.00
CE5313	Ground water Hydrology	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE5509	Advances SSD	National University of Singapore	SINGAPORE	CIVIL 313	15.00
CE5510	Advanced SC	National University of Singapore	SINGAPORE	CIVIL 715	15.00
CM5205	NA	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
CN2116	Chemical Kinetics + Reaction Engineering	National University of Singapore	SINGAPORE	CHEMMAT 315	15.00
CN2121	Chemical Engineering Thermo	National University of Singapore	SINGAPORE	CHEMMAT 212	15.00
CN2122	Fluid Mechanics	National University of Singapore	SINGAPORE	CHEMMAT 213	15.00
CN3124	Fluid-Solid Systems	National University of Singapore	SINGAPORE	CHEMMAT 313	15.00
CN3132	Separation Processes	National University of Singapore	SINGAPORE	CHEMMAT 312	15.00
CN3135E	Process safety health and Environment	National University of Singapore	SINGAPORE	CHEMMAT 317	15.00
CN3421	Process Modelling and Numerical Simulation	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
CS1102C + CS 2103	Data Structures and Algorithms + Software Engineering	National University of Singapore	SINGAPORE	COMPSYS 202	15.00
CS2103	Software Engineering	National University of Singapore	SINGAPORE	MECHENG270	15.00
CS2301	Business and Technical Communication	National University of Singapore	SINGAPORE	ENGGEN 204	15.00
CS3247	Game Development	National University of Singapore	SINGAPORE	ENGSCI PART 3 ELECTIVE	15.00
CZ3105	Numerical Analysis II	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
EE 2001	Project	National University of Singapore	SINGAPORE	ELECTENG 209	15.00
EE2010	Systems and Control	National University of Singapore	SINGAPORE	MECHENG 322	15.00
EE2011	Engineering Electromagnetics	National University of Singapore	SINGAPORE	ELECTENG 204	15.00
EE2023	Signals and Systems	National University of Singapore	SINGAPORE	MECHENG 322	15.00
EE3031	Innovation and Enterprise I	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
EE3206	Intro to Comp Vision & Image Processing	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
EE3206	Intro to Comp Vision & Image Processing	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE3331C	Feedback control systems	National University of Singapore	SINGAPORE	MECHENG 322	15.00

EE3431C	Microelectronics Materials and Devices	National University of Singapore	SINGAPORE	MECHENG 370	15.00
EE3601	Bioinstrumentation and Signal Analysis	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE4601	Sensors for Biomedical applications	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE4603	Biomedical Imaging Systems	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE4604	Biological Perception in Digital Media	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EG1413	Critical Thinking & Writing	National University of Singapore	SINGAPORE	ENGGEN 204	15.00
EG2401	Engineering Professionalism	National University of Singapore	SINGAPORE	ENGGEN 204	15.00
ESE4401	Water & wastewater Engineering	National University of Singapore	SINGAPORE	ENVENG 342	15.00
ESE5401	Water Qual Management	National University of Singapore	SINGAPORE	ENVENG 746	15.00
ESE5405	Water treatment processes	National University of Singapore	SINGAPORE	ENVENG 342	15.00
ESP2106	Principles of Continua	National University of Singapore	SINGAPORE	ENGSCI 363	15.00
ESP3206	Continuum Mechanics	National University of Singapore	SINGAPORE	ENGSCI 343	15.00
IE2105	Fundamentals in Systems Engineering	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
IE2140	Engineering Economy	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
IE2150	Human Factors Engineering	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
IE3101	Statistics for Engineering Applications	National University of Singapore	SINGAPORE	ENGSCI PART 3 UNSPECIFIED	15.00
LSM2104	Essential Bioinformatics and Biocomputing	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
LSM4213	Systems Neurobiology	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
MA1506	Mathematic II	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
MA1506 + MA 2501	Maths II / Differential Equations and Systems	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
MA1506 + MA 2501	Mathematics 2 ; Differential Equations	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
MA3227	Numerical Analysis II	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
MA3252	Linear & Network Optimisation	National University of Singapore	SINGAPORE	ENGSCI PART 3 ELECTIVE	15.00
MA3501	Mathematical Methods in Engineering	National University of Singapore	SINGAPORE	ENGSCI 314	15.00
MA4230	Matrix Computation	National University of Singapore	SINGAPORE	ENGSCI PART 3 UNSPECIFIED	15.00
MA5233	Computational Mathematics	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
ME2114	Mechanics of Materials 2	National University of Singapore	SINGAPORE	MECHENG 340	15.00
ME2121	Engineering Thermodynamics	National University of Singapore	SINGAPORE	MECHENG211	15.00

ME2134	Fluid Mechanics	National University of Singapore	SINGAPORE	CHEMMAT 213	15.00
ME2143	Sensors and Actuators	National University of Singapore	SINGAPORE	MECHENG 322	15.00
ME2143	Sensors and Actuators	National University of Singapore	SINGAPORE	MECHENG 312	15.00
ME3102	Mechanical System Design 2	National University of Singapore	SINGAPORE	MECHENG 334	15.00
ME3112	Mechanics of Machines	National University of Singapore	SINGAPORE	MECHENG222	15.00
ME3122	Heat Transfer	National University of Singapore	SINGAPORE	MECHENG211	15.00
ME3221	Energy Conversion Processes	National University of Singapore	SINGAPORE	MECHENG 311	15.00
ME3251	Materials for Engineers	National University of Singapore	SINGAPORE	MECHENG 334	15.00
ME3281	Microsystems Design and Applications	National University of Singapore	SINGAPORE	MECHENG 370	15.00
ME3291	Numerical Methods in Engineering	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
ME3662	Technical Elective	National University of Singapore	SINGAPORE	MECHENG 412	15.00
ME3662	Vibration Theory and Application	National University of Singapore	SINGAPORE	MECHENG 421	15.00
MLE2102	Thermodynamics	National University of Singapore	SINGAPORE	CHEMMAT 212	15.00
MNO1001	Management Organisation	National University of Singapore	SINGAPORE	ENGGEN204	15.00
PC3236	Computational Methods in Physics	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
PC4267	Biophysics III	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
CH 3141	Advanced Unit Operations	Nanyang Technological University	SINGAPORE	CHEMMAT 313	15.00
CH 4001	Chemical and Biomolecular Engineering	Nanyang Technological University	SINGAPORE	CHEMMAT 757	15.00
CH 4220	Green Processing	Nanyang Technological University	SINGAPORE	CHEMMAT 317	15.00
EN 3003	Environmental Transport Processes	Nanyang Technological University	SINGAPORE	CHEMMAT 315	15.00
MS 3012	Micro/Nanoelectronic Materials Processing	Nanyang Technological University	SINGAPORE	CHEMMAT 755	15.00
MS 3014	Analysis of Materials	Nanyang Technological University	SINGAPORE	CHEMMAT 724	15.00
MS 4013	Biomaterials	Nanyang Technological University	SINGAPORE	CHEMMAT 753	15.00
MS 4620	Polymer Technology	Nanyang Technological University	SINGAPORE	CHEMMAT 753	15.00
MS 4640	Advanced Analysis of Materials	Nanyang Technological University	SINGAPORE	CHEMMAT 724	15.00
EDA040	Advanced concurrent programming	Lund University	SWEDEN	MECHENG 313	15.00
EDA385	Design Embedded Systems	Lund University	SWEDEN	MECHENG 313	15.00
FMEN11	Mechanical vibrations	Lund University	SWEDEN	MECHENG 325	15.00
VVRILO	Fluids Mechanics	Lund University	SWEDEN	MECHENG 325	15.00

CSIE 3510	Computer Networks	National Taiwan University	TAIWAN	SOFTENG 364	15.00
CSIE 7644	Advanced Human Computer Interaction	National Taiwan University	TAIWAN	SOFTENG 350	15.00
ESOE 5070	Database Systems	National Taiwan University	TAIWAN	SOFTENG 351	15.00
MGN 6001B	Principles of Management	University College London	UNITED KINGDOM	ENGGEN 303	15.00
MSIN 6001 + CEGE 3010	Management principles + Financial aspects	University College London	UNITED KINGDOM	ENGGEN 303	15.00
ELEC 3003	Control Systems	University College London	UNITED KINGDOM	MECHENG 322	15.00
MECH 2006 + 3005	Dynamics and control + Automatic Control	University College London	UNITED KINGDOM	MECHENG 322	15.00
MECH 2003 + 3010	Design	University College London	UNITED KINGDOM	MECHENG 334	15.00
MECH 2011 + MECH 3004	Materials + applied mechanics	University College London	UNITED KINGDOM	MECHENG 340	15.00
ELEC 3002	Power Electronics	University College London	UNITED KINGDOM	MECHENG 370	15.00
ELEC3030	Numerical Methods	University College London	UNITED KINGDOM	ENGSCI 331	15.00
STAT3006	Stochastic methods in finance	University College London	UNITED KINGDOM	Elective Part 3	15.00
STAT3002	Stochastic systems	University College London	UNITED KINGDOM	Elective Part 3	15.00
MATH3508	Financial mathematics	University College London	UNITED KINGDOM	Elective Part 3	15.00
ELEC3915	Renewable energy	University College London	UNITED KINGDOM	Elective Part 3	15.00
CEGE3021	Fluids and engineering Analysis	University College London	UNITED KINGDOM	ENGSCI 363	15.00
CEGEM082	GIS Principles and technology	University College London	UNITED KINGDOM	Elective Part 3	15.00
CIVE09016	Geotechnical Engineering 3	University of Edinburgh	UNITED KINGDOM	CIVIL 322	10.00
CIVE 09016	Geotechnical Engineering 3	University of Edinburgh	UNITED KINGDOM	CIVIL 324	10.00
CIVE 09014	Fluid Mechanics 3	University of Edinburgh	UNITED KINGDOM	CIVIL 331	10.00
CIVE 09020	Environmental Engineering 3	University of Edinburgh	UNITED KINGDOM	CIVIL 342	15.00

MAEE 09004	Marketing Info Systems (MIS)	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00
MAEE 09003	Marketing Technical Projects 3	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00
MATH 09014	Differential Equations	University of Edinburgh	UNITED KINGDOM	ENGSCI 311	15.00
CIVE 08011	Water Resources 2	University of Edinburgh	UNITED KINGDOM	ENVENG 333	10.00
SCE 08006	Engineering Thermodynamics 2	University of Edinburgh	UNITED KINGDOM	MECHENG 211	15.00
SCE 08003	Fluid Mechanics 2	University of Edinburgh	UNITED KINGDOM	MECHENG 211	15.00
MECE 08009	Dynamics 2	University of Edinburgh	UNITED KINGDOM	MECHENG 222	15.00
ELEE 09020	Power Electronics & Machines 3	University of Edinburgh	UNITED KINGDOM	MECHENG 312	15.00
SCE 09022	Control & Instrumentation Eng 3	University of Edinburgh	UNITED KINGDOM	MECHENG 322	15.00
ELEE 08016	Analogue Circuits 2	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
ELEE 08019	Electronics Project Lab 2B	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
ELEE 08015	Digital System Design 2	University of Edinburgh	UNITED KINGDOM	MECHENG 371	15.00
MECE 09015	Sustainable Energy	University of Edinburgh	UNITED KINGDOM	CIVIL PART 3 UNSPECIFIED	10.00
MATH10066	Honours Differential Equations	University of Edinburgh	UNITED KINGDOM	ENGSCI 311	15.00
CHEE09009	Chemical Engineering unit Operations 3	University of Edinburgh	UNITED KINGDOM	CHEMMAT 313	15.00
CHEE09013	Heat mass & momentum transfer 3	University of Edinburgh	UNITED KINGDOM	CHEMMAT 313	15.00
CHEE09008	Solids Processing 3	University of Edinburgh	UNITED KINGDOM	CHEMMAT 313	15.00
MECE 09015	Sustainable Energy: Principles processes	University of Edinburgh	UNITED KINGDOM	Elective	15.00
MAEE 09003	Marketing Technical Project 3	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00
MAEE 08002	Techniques of management	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00

ELEE 09020	Power electronics and machines 3	University of Edinburgh	UNITED KINGDOM	MECHENG 312	15.00
SCEE 09002	Control & Instrumentation Engineering 3	University of Edinburgh	UNITED KINGDOM	MECHENG 322	15.00
ELEE 09017	Signal & Communication Systems 3	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
ELEE 09025	Analogue mixed signal laboratories	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
Nanotechnology 5	Nanotechnology 5	University of Edinburgh	UNITED KINGDOM	CHEMMAT PART 3 ELECTIVE	15.00
Hydrocarbons	Hydrocarbons	University of Edinburgh	UNITED KINGDOM	CHEMMAT PART 3 ELECTIVE	15.00
CIVE 09017	Behaviour & Design of Structures	University of Edinburgh	UNITED KINGDOM	CIVIL 312	15.00
CIVE 08010	Structural Mechanics	University of Edinburgh	UNITED KINGDOM	CIVIL 312	15.00
CIVE 10004	Foundation Engineering 4	University of Edinburgh	UNITED KINGDOM	CIVIL 322	15.00
CIVE 09014	Fluid Mechanics 3	University of Edinburgh	UNITED KINGDOM	CIVIL 331	15.00
CIVE 09018	Infrastructure management & sustainability 3	University of Edinburgh	UNITED KINGDOM	ENGGEN 303 + CIVIL 360	15.00
MATH 10073 + 10060	Linear programming + numerical ordinary differentiation	University of Edinburgh	UNITED KINGDOM	ENGSCI 311	15.00
CIVE 08011	Water Resources 2	University of Edinburgh	UNITED KINGDOM	ENVENG 333	10.00
CHEE 09010	Chemical Engineering Kinetics Catalysis	University of Edinburgh	UNITED KINGDOM	CHEMMAT 315	15.00
BEM2007	Operations Management	University of Exeter	UNITED KINGDOM	ENGGEN204	15.00
ECM2114	Solid Mechanics	University of Exeter	UNITED KINGDOM	CIVIL211	10.00
ECM3155	Structural Engineering	University of Exeter	UNITED KINGDOM	CIVIL250	10.00
ECM3157	Geotechnics 2	University of Exeter	UNITED KINGDOM	CIVIL221	10.00
ECM3158	Water Resources and Pollution Control	University of Exeter	UNITED KINGDOM	CIVIL244	15.00
9EEW	Materials and Manufacture	University of Glasgow	UNITED KINGDOM	MECHENG 352	15.00

9EKW	Mathematical Modelling and Simulation	University of Glasgow	UNITED KINGDOM	ENGSCI 311	15.00
9FFW	Mechanics of Materials and Structures	University of Glasgow	UNITED KINGDOM	MECHENG 325	15.00
ENG 1026	Engineering skills 1	University of Glasgow	UNITED KINGDOM	ENGGEN 204	15.00
ENG 1061	Civil Engineering 1	University of Glasgow	UNITED KINGDOM	CIVIL 250	10.00
ENG 2047	Soil Mechanics 2	University of Glasgow	UNITED KINGDOM	CIVIL 221	10.00
ENG 2048	Structural Design 2	University of Glasgow	UNITED KINGDOM	CIVIL 221	10.00
ENG 2078	Environmental processes 2	University of Glasgow	UNITED KINGDOM	ENVENG 244	15.00
ENG 3027	Engineering Career Skills III	University of Glasgow	UNITED KINGDOM	ENGGEN 204	15.00
KRLW	Thermodynamics of Engines M3	University of Glasgow	UNITED KINGDOM	MECHENG 311	15.00
BMAN10632	Fundamentals of Management Accounting	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
BMAN30982	Managing projects	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
CHEN10031	Transport Phenomena	University of Manchester	UNITED KINGDOM	CHEMMAT 213	15.00
CHEN10041	Chemical Engineering Design 1	University of Manchester	UNITED KINGDOM	CHEMMAT 232	15.00
CHEN20002	Laboratory Projects 2	University of Manchester	UNITED KINGDOM	CHEMMAT 331	15.00
CHEN20005	Chemical Reaction Engineering	University of Manchester	UNITED KINGDOM	CHEMMAT 315	15.00
CHEN20011 + CHEN20013	NA	University of Manchester	UNITED KINGDOM	CHEMMAT 464	15.00
CHEN20012 + CHEN30003	NA	University of Manchester	UNITED KINGDOM	CHEMMAT PART 3	15.00
CHEN20111	Momentum, Heat & Mass Transfer	University of Manchester	UNITED KINGDOM	CHEMMAT 212	15.00
CHEN30102	Mathematical Methods 3	University of Manchester	UNITED KINGDOM	ENGSCI 314	15.00
COMP 31212	Concurrency and Process Algebra	University of Manchester	UNITED KINGDOM	COMPSYS 302	15.00

COMP 32212	Implementing System-on-Chip	University of Manchester	UNITED KINGDOM	COMPSYS 305	15.00
COMP 33812	Software Evolution	University of Manchester	UNITED KINGDOM	COMPSYS 302	15.00
COMP20072 + COMP20252	NA	University of Manchester	UNITED KINGDOM	SOFTENG 350	15.00
COMP20312 + COMP30142	NA	University of Manchester	UNITED KINGDOM	SOFTENG 351	15.00
EEEN20024	Data Networking	University of Manchester	UNITED KINGDOM	SOFTENG 364	15.00
EEEN20030	Control Systems 1	University of Manchester	UNITED KINGDOM	MECHENG 322	15.00
EEEN30043	Sensors + Actuators	University of Manchester	UNITED KINGDOM	MECHENG 312	15.00
EEEN30072	Robotics and Actuators	University of Manchester	UNITED KINGDOM	MECHENG 312	15.00
EEEN30075	Mixed Design Signal	University of Manchester	UNITED KINGDOM	MECHENG 370	15.00
MACE 12112	Management	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
MATH 20142	Complex Analysis	University of Manchester	UNITED KINGDOM	ENGSCI 313	15.00
MATH20502	Fluid Mechanics	University of Manchester	UNITED KINGDOM	ENGSCI 343	15.00
MATH20802	Statistical Methods	University of Manchester	UNITED KINGDOM	ENGSCI 314	15.00
MATH35602	Mathematical Biology	University of Manchester	UNITED KINGDOM	ELECTIVES	15.00
MATS30972	Nanomaterials	University of Manchester	UNITED KINGDOM	ELECTIVES	15.00
MCCEL20011	Sustainable development for electronic and electrical engineers	University of Manchester	UNITED KINGDOM	ENGGEN 204	15.00
MCCEL30002	Tools & Techniques for Enterprise	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
F325MS + G12COF	Fourier Techniques + Complex Functions	University of Nottingham	UNITED KINGDOM	ENGSCI 313	15.00
H21EC1	Engineering Communication	University of Nottingham	UNITED KINGDOM	ENGGEN 204	15.00
H23S07	Steel Structures	University of Nottingham	UNITED KINGDOM	CIVIL 313	15.00

H23GGE	Foundations and Earthworks	University of Nottingham	UNITED KINGDOM	CIVIL 324	10.00
H62EDP	Electrical Engineering Design	University of Nottingham	UNITED KINGDOM	ELECTENG 310	15.00
H62ELD	Electronic Engineering	University of Nottingham	UNITED KINGDOM	MECHENG 370	15.00
H63BPE	Business Planning for Engineers	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
H63EDR	Energy conversion for motor & generator drive	University of Nottingham	UNITED KINGDOM	MECHENG 312	15.00
H63FWA	Field Waves and Antennas	University of Nottingham	UNITED KINGDOM	ELECTENG 307	15.00
HG2MPS	Probabilistic and Statistical Techniques for Engineers	University of Nottingham	UNITED KINGDOM	ENGSCI 314	15.00
HG3BPE	Business Planning for Engineers	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
HG3BPE	Business Planning for Engineers	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
HG4MPD	Mathematical Techniques in Partial Differential Equations for Engineers	University of Nottingham	UNITED KINGDOM	ENGSCI 314	15.00
MM2DFM	Design for Manufacture	University of Nottingham	UNITED KINGDOM	MECHENG 334	15.00
MM2MNB	Management Studies B	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
MM2MS3	Mechanics of Solids 3	University of Nottingham	UNITED KINGDOM	MECHENG 340	15.00
MM3 SAT	Stress Analysis Techniques	University of Nottingham	UNITED KINGDOM	MECHENG 334	15.00
MM3BIO	Biomechanics	University of Nottingham	UNITED KINGDOM	ELECTIVES	15.00
MM3CAI	Control and instrumentation	University of Nottingham	UNITED KINGDOM	MECHENG 332	15.00
MM3CAI	Control and instrumentation	University of Nottingham	UNITED KINGDOM	MECHENG 322	15.00
MM3FRC	Fibre Reinforced Composites Engineering	University of Nottingham	UNITED KINGDOM	ELECTIVES	15.00
MM3SAT	Stress Analysis Techniques	University of Nottingham	UNITED KINGDOM	ENGSCI 343	15.00
ECE304	Design Electronic	Arizona State University	UNITED STATES	ELECTENG 311	15.00

ECE320	Circuit Theory	Arizona State University	UNITED STATES	ELECTENG PART 3	15.00
ECE340	Eng System Anal.	Arizona State University	UNITED STATES	ELECTENG 303	15.00
ECE351A	Electronic Circuit	Arizona State University	UNITED STATES	ELECTENG 305	15.00
CE313	Hydraulic Engineering	Oregon State University	UNITED STATES	CIVIL 331	10.00
CE373	Geotechnical Engineering	Oregon State University	UNITED STATES	CIVIL 322	10.00
CE392	Highway Engineering	Oregon State University	UNITED STATES	CIVIL 360	10.00
CE412	Engineering Hydrology	Oregon State University	UNITED STATES	ENVENG 333	10.00
CEM383	Structures II	Oregon State University	UNITED STATES	CIVIL 312	15.00
ENVE421	Wastewater Characterization	Oregon State University	UNITED STATES	ENVENG 341	15.00
FE315	Soil Engineering	Oregon State University	UNITED STATES	CIVIL 324	10.00
IE471	Project Management	Oregon State University	UNITED STATES	ENGGEN 303	15.00
ME460	Intern Fluid Mechanics	Oregon State University	UNITED STATES	CIVIL 332	10.00
CE 310	Entrepreneurial Leadership	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
CE 321	Highway Engineering	Pennsylvania State University	UNITED STATES	CIVIL 360	10.00
CE 332	Professionalism, Economics & Construction Project Delivery	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
CE 335	Engineering Mechanics of Soil	Pennsylvania State University	UNITED STATES	CIVIL 220	10.00
CE 335	Engineering Mechanics of Soils	Pennsylvania State University	UNITED STATES	CIVIL 322	10.00
CE 335	Engineering Mechanics of soils 3	Pennsylvania State University	UNITED STATES	CIVIL 221	10.00
CE 336	Materials Science for Civil Engineers	Pennsylvania State University	UNITED STATES	CIVIL 250	10.00
CE 340	Structural Analysis	Pennsylvania State University	UNITED STATES	CIVIL 312	15.00

CE 341	Design of Concrete Structures	Pennsylvania State University	UNITED STATES	CIVIL 313	15.00
CE 342	Design of Steen Structures	Pennsylvania State University	UNITED STATES	CIVIL 314	15.00
CE 360	Fluid Mechanics	Pennsylvania State University	UNITED STATES	CIVIL 332	10.00
CE 360	Fluid Mechanics	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE 365	Mechanics of soils	Pennsylvania State University	UNITED STATES	CIVIL 221	10.00
CE 370	Introduction to Environmental Engineering	Pennsylvania State University	UNITED STATES	ENVENG 244	15.00
CE 371	Waste and Wastewater	Pennsylvania State University	UNITED STATES	ENV ENG 342	15.00
CE 422	Transportation Planning	Pennsylvania State University	UNITED STATES	CIVIL 361	15.00
CE 423	Traffic Operations	Pennsylvania State University	UNITED STATES	CIVIL 361	15.00
CE 435	Foundation Engineering	Pennsylvania State University	UNITED STATES	CIVIL 322	10.00
CE 461	Water Resources Engineering	Pennsylvania State University	UNITED STATES	ENVENG 333	15.00
CE 462	Open Channel Hydraulics	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE321	Highway Engineering	Pennsylvania State University	UNITED STATES	CIVIL 360	10.00
CE332	Professionalism, Economics & Construction Project Delivery	Pennsylvania State University	UNITED STATES	ENGGEN303	15.00
CE335	Engineering Mechanics of Soils	Pennsylvania State University	UNITED STATES	CIVIL322	10.00
CE 340	Structural Analysis	Pennsylvania State University	UNITED STATES	CIVIL312	15.00
CE360	Fluid Mechanics	Pennsylvania State University	UNITED STATES	CIVIL331	10.00
CE361	Water Resources Engineering	Pennsylvania State University	UNITED STATES	ENVENG 333	10.00
CE370	Environmental Engineering	Pennsylvania State University	UNITED STATES	ENVENG 244	15.00
CE371	Water and Wastework Treatment	Pennsylvania State University	UNITED STATES	ENVENG 342	15.00

CE421W	Transportation Design	Pennsylvania State University	UNITED STATES	CIVIL 460	15.00
CE423	Traffic Operations	Pennsylvania State University	UNITED STATES	CIVIL 361	10.00
CE432	Construction Project management	Pennsylvania State University	UNITED STATES	CIVIL 704	15.00
CE435	Foundation Engineering	Pennsylvania State University	UNITED STATES	CIVIL 322	10.00
CE435	Foundation Engineering	Pennsylvania State University	UNITED STATES	CIVIL 421	15.00
CE448W	Advanced Structural Design	Pennsylvania State University	UNITED STATES	CIVIL 411	15.00
CE461	Water Resource Engineering	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE462	Hydraulics	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE462	Open Channel Hydraulics	Pennsylvania State University	UNITED STATES	CIVIL 332	10.00
CE475	Water Chemistry	Pennsylvania State University	UNITED STATES	ENVENG 341	15.00
CE531	Legal Aspects of Engineering and Construction	Pennsylvania State University	UNITED STATES	ENGGEN 403	15.00
CE533	Construction activity	Pennsylvania State University	UNITED STATES	CIVIL 490	15.00
CE544	Design of Reinforced Concrete Structures	Pennsylvania State University	UNITED STATES	CIVIL 715	15.00
CMPEN 362	Communication Networks	Pennsylvania State University	UNITED STATES	SOFTENG 364	15.00
CMPSC 211	Object Oriented Programming with Web Based Applications	Pennsylvania State University	UNITED STATES	COMPSYS 302	15.00
CMPSC 221	OOP with web based applications	Pennsylvania State University	UNITED STATES	COMPSYS 302	15.00
CMPSC 431 W	Database Management Systems	Pennsylvania State University	UNITED STATES	SOFTENG 351	15.00
CMPSC 473	Operating systems design & construction	Pennsylvania State University	UNITED STATES	SOFTENG 370	15.00
EE 310	Electronic Circuit Design I	Pennsylvania State University	UNITED STATES	ELECTENG 310	15.00
EE 330	Engineering Electromagnetics	Pennsylvania State University	UNITED STATES	ELECTENG 307	15.00

EE 330	Engineering Electromagnetics	Pennsylvania State University	UNITED STATES	ELECTENG 307	15.00
EE 350	Continuous-Time Linear Systems	Pennsylvania State University	UNITED STATES	ELECTENG 303	15.00
EE 387	Energy Conversion	Pennsylvania State University	UNITED STATES	ELECTENG 309	15.00
EE 417/CMPEN 417	Digital Design Using Field Programmable Devices	Pennsylvania State University	UNITED STATES	COMPSYS 305	15.00
EMCH 212	Dynamics	Pennsylvania State University	UNITED STATES	MECHENG 222	15.00
EMCH 315	Mechanical Response of Engineering Materials	Pennsylvania State University	UNITED STATES	MECHENG 340	15.00
EMCH 315 + MATSE 259	Mechanical Response of Eng Materials/Properties & Processing of Eng Materials	Pennsylvania State University	UNITED STATES	MECHENG 340	15.00
EMCH 315 + MATSE 259	Mechanical Response + Properties	Pennsylvania State University	UNITED STATES	MECHENG 340	15.00
ENGL 202C	Effective Writing - Technical Writing	Pennsylvania State University	UNITED STATES	ENGGEN 204	15.00
ENGR 411	Entrepreneurial Business Basics	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
ENGR 425	New Venture Creation	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
ENGR411	Entrepreneurial Business Basics	Pennsylvania State University	UNITED STATES	ENGGEN303	15.00
IE 312	Product Design and Manufacturing Processes	Pennsylvania State University	UNITED STATES	MECHENG 236	15.00
IE 322	Probabilistic Models in Industrial Engineering	Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
IE 470	Manufacturing System Design and Analysis	Pennsylvania State University	UNITED STATES	MECHENG 352	15.00
MATH 251	Ordinary & Partial Differential Equations	Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
MATH 406	Advanced Calculus for Engineers / Scientists II	Pennsylvania State University	UNITED STATES	ELECTENG 313	15.00
MATH 406	Advanced Calculus for Engineers & Scientists II	Pennsylvania State University	UNITED STATES	ENGSCI 313	15.00
MATH 415 / MATH 411		Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
MATSE259	Properties and Processing of Engineering Materials	Pennsylvania State University	UNITED STATES	MECHENG340	15.00

ME 201	Introduction to Thermal Science	Pennsylvania State University	UNITED STATES	MECHENG 211	15.00
ME 300	Engineering Thermodynamics	Pennsylvania State University	UNITED STATES	MECHENG 311	15.00
ME 320	Fluid Flow	Pennsylvania State University	UNITED STATES	MECHENG 325	15.00
ME 345 + ME 335	Instrumentation + Dynamic Systems	Pennsylvania State University	UNITED STATES	MECHENG 322	15.00
ME 355	Dynamic System Laboratory	Pennsylvania State University	UNITED STATES	MECHENG 322	15.00
ME 360	Mechanical Design	Pennsylvania State University	UNITED STATES	MECHENG 334	15.00
ME 370	Vibration of Mechanical Systems	Pennsylvania State University	UNITED STATES	MECHENG 325	15.00
ME 410	Heat Transfer	Pennsylvania State University	UNITED STATES	MECHENG 311	15.00
ME 450	Modelling of Dynamic Systems	Pennsylvania State University	UNITED STATES	MECHENG 322	15.00
ME355	Dynamic Systems Laboratory	Pennsylvania State University	UNITED STATES	MECHENG322	15.00
ME360	Mechanical Engineering	Pennsylvania State University	UNITED STATES	MECHENG334	15.00
ME450	Modelling of Dynamic Systems	Pennsylvania State University	UNITED STATES	MECHENG322	15.00
MECENG 110	Intro to product Development	Pennsylvania State University	UNITED STATES	MECHENG 236	15.00
STAT 319	Applied Statistics in Science	Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
SWENG 311	Object-Oriented Software Design & Construction	Pennsylvania State University	UNITED STATES	COMPSYS 302	15.00
CHEM110A	Thermodynamics	University of California Los Angeles	UNITED STATES	CHEMMAT212	15.00
ENGR110	Introduction to Technology Management	University of California Los Angeles	UNITED STATES	ENGGEN204	15.00
MECH&AE101	Statistics and Strength of Materials	University of California Los Angeles	UNITED STATES	CHEMMAT232	15.00
MECH&AE103	Elementary Fluid Mechanics	University of California Los Angeles	UNITED STATES	CHEMMAT213	15.00
BIO 113	Bioinstrumentation	University of California	UNITED STATES	BIOMENG 241	15.00

BIO 161	Human Physiology	University of California	UNITED STATES	MEDSCI 142	15.00
BIO164	Human Anatomy	University of California	UNITED STATES	MEDSCI 142	15.00
BIOE 114	Tissue Engineering Design	University of California	UNITED STATES	BIOMENG 261	15.00
BIOE 140	Biomolecular Engineering	University of California	UNITED STATES	BIOMENG 261	15.00
CHE 350		University of California	UNITED STATES	CHEMMAT 312	15.00
CHE 470		University of California	UNITED STATES	CHEMMAT 331	15.00
CHEM 108A		University of California	UNITED STATES	CHEMMAT 331	15.00
CHENGR 102A		University of California	UNITED STATES	CHEMMAT 312	15.00
CHENGR 102B		University of California	UNITED STATES	CHEMMAT 312	15.00
CHENGR 103		University of California	UNITED STATES	CHEMMAT 331	15.00
CHENGR 107		University of California	UNITED STATES	CHEMMAT 331	15.00
CHENGR C119		University of California	UNITED STATES	CHEMMAT 331	15.00
ENGR 097	Engineering Service Learning	University of California	UNITED STATES	ENGGEN 204	15.00
ENGR 110		University of California	UNITED STATES	ENGGEN 303	15.00
ENGR 112		University of California	UNITED STATES	ENGGEN 303	15.00
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MATSCI 104		University of California	UNITED STATES	CHEMMAT 322	15.00
MATSCI 143		University of California	UNITED STATES	CHEMMAT 322	15.00
MATSE 259		University of California	UNITED STATES	CHEMMAT 322	15.00

ME 141	Linear Controls	University of California	UNITED STATES	BIOMENG 241	15.00
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BIOENG 104	Biological Transport Phenomena	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
BIOENG 110	Biomedical Physiology for Engineers	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
BIOENG 112	Molecular Cell Biomechanics	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
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BIPN 100 + 102	Mammalian Physiology 1	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
BIPN 140	Cellular neurobiology	University of California - Berkeley	UNITED STATES	ELECTIVE	15.00
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C302	Effective Scientific Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
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CE 111	Environmental Engineering	University of California - Berkeley	UNITED STATES	ENVENG 244	15.00
CE 124	Structural Design in Timber	University of California - Berkeley	UNITED STATES	CIVIL 312	15.00
CE 155	Transport Systems Engineering	University of California - Berkeley	UNITED STATES	CIVIL 361	10.00
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CE 175	Geothermal	University of California - Berkeley	UNITED STATES	CIVIL 221	10.00
CE 177	Foundation Engineering Design	University of California - Berkeley	UNITED STATES	CIVIL 322	10.00
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CE-123	Design of Reinforced Concrete	University of California - Berkeley	UNITED STATES	CIVIL PART 3	10.00
CE-156	Infrastructure Planning and Management	University of California - Berkeley	UNITED STATES	CIVIL 361	10.00
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CHEM 120A	Physical Chemistry	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3	15.00
CHEMC178	Polymer Science and Technology	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3	15.00
CHEME170	Biochemical engineering	University of California - Berkeley	UNITED STATES	CHEMMAT 464	15.00
CHEMENG 141	Chemical Engineering Thermodynamics	University of California - Berkeley	UNITED STATES	CHEMMAT 212	15.00
CHEMENG 150A	Transport Processes	University of California - Berkeley	UNITED STATES	CHEMMAT 213	15.00
CHEMENG 160	Chemical Process Design	University of California - Berkeley	UNITED STATES	CHEMMAT 232	15.00
CHM ENG 142	Chemical Kinetics + Reaction Engineering	University of California - Berkeley	UNITED STATES	CHEMMAT 315	15.00
CHM ENG 150B	Transport & Separation Processes	University of California - Berkeley	UNITED STATES	CHEMMAT 312	15.00
CHM ENG 160	Chemical Process Design	University of California - Berkeley	UNITED STATES	CHEMMAT 331	15.00
CHM ENG 176	Principles of Electrochemical Processes	University of California - Berkeley	UNITED STATES	PART 3 ELECTIVE	15.00
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CHM ENG H194	Research for undergraduates	University of California - Berkeley	UNITED STATES	PART 3 ELECTIVE	15.00
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CIV ENG 167	Engineering Project Management	University of California - Berkeley	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
CIV ENG 173	Groundwater and Seepage	University of California - Berkeley	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
CIV ENG 175	Geotechnical and Geo environmental Engineering	University of California - Berkeley	UNITED STATES	CIVL 324	10.00
CIVENG 167	Engineering Project Management	University of California - Berkeley	UNITED STATES	ENGGEN 303	15.00
CIVENG100	Elementary Fluid Mechanics	University of California - Berkeley	UNITED STATES	CIVIL 331	10.00
CIVENG101	Fluid Mechanics of Rivers, Streams, and Wetlands	University of California - Berkeley	UNITED STATES	CIVIL 332	10.00
CIVENG103	Introduction to Hydrology	University of California - Berkeley	UNITED STATES	ENVENG 333	10.00
CIVENG111	Environmental Engineering	University of California - Berkeley	UNITED STATES	ENVENG 342	15.00
CIVENG112	Environmental Engineering Design	University of California - Berkeley	UNITED STATES	ENVENG 342	15.00
CIVENG121	Advanced Structural Analysis	University of California - Berkeley	UNITED STATES	CIVIL 313	15.00
CIVENG122	Design of Steel Structures	University of California - Berkeley	UNITED STATES	CIVIL 313	15.00
CIVENG123	Design of Structures	University of California - Berkeley	UNITED STATES	CIVIL 312	15.00
CIVENG153	Transportation Facility Design	University of California - Berkeley	UNITED STATES	CIVIL 360	10.00
CIVENG155	Transportation System	University of California - Berkeley	UNITED STATES	CIVIL 361	10.00
CIVENG167	Engineering Project Management	University of California - Berkeley	UNITED STATES	CIVIL 704	15.00
CIVENG175	Geotechnical and Geoenvironmental Engineering	University of California - Berkeley	UNITED STATES	CIVIL 324	10.00
CIVENG193	Engineering Risk Analysis	University of California - Berkeley	UNITED STATES	ENVENG 752	15.00
CIVENG225	Dynamics of Structures	University of California - Berkeley	UNITED STATES	CIVIL 314	10.00

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ELENG 105	Microelectric Devices and Circuits	University of California - Berkeley	UNITED STATES	MECHENG 320	15.00
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ENGIN 10	Engineering Design and Analysis	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
ENGIN 117	Methods of Engineering analysis	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
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ENGIN 157AC	Engineering, the Environment, and Society	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
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INTEGBI 132+INTEGBI 132L	Survey of Human Physiology	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
INTEGBI 132L	Mammalian Physiology Laboratory	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00

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MATH 121B	Mathematical tools for physical sciences	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
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MATH 125A	Numerical Analysis	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 126	Intro to Partial Differential Equations	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 170	Math Methods for optimisation	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 224A	Mathematical Methods for the Physical Sciences	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 514	Linear Algebra	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 54	Linear algebra and differential e.	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 55	Discrete Mathematics	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATHS121B		University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATHS228B		University of California - Berkeley	UNITED STATES	ENGSCI 331	15.00
MATSCI130	Experimental Material Science and Design	University of California - Berkeley	UNITED STATES	CHEMMAT PART 4	15.00
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ME 106	Fluid Mechanics	University of California - Berkeley	UNITED STATES	MECHENG 211	15.00
ME 170	Engineering Mechanics 3	University of California - Berkeley	UNITED STATES	MECHENG 222	15.00
ME 191K	Professional Communication	University of California - Berkeley	UNITED STATES	ENGEN 204	15.00
ME 40	Thermodynamics	University of California - Berkeley	UNITED STATES	MECHENG 211	15.00
MEC ENG 118	Intro to Nanotechnology	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3 ELECTIVE	15.00

MEC ENG 191K	Professional Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
MEC ENG 191K	Professional Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
MEC ENG 40	Thermo Dynamics	University of California - Berkeley	UNITED STATES	MECHENG 211	15.00
MECENG 102B	Mechatronics Design	University of California - Berkeley	UNITED STATES	MECHENG 312	15.00
MECENG 108	Mechanical Behaviour of Engineering Materials	University of California - Berkeley	UNITED STATES	MECHENG 340	15.00
MECENG 120	Computational Biomechanics	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
MECENG 128	Computer-aided Mechanical Design	University of California - Berkeley	UNITED STATES	MECHENG 334	15.00
MECENG 132	Dynamics Systems and Feedback	University of California - Berkeley	UNITED STATES	MECHENG 322	15.00
MECENG185	Introduction to Continuum Mechanics	University of California - Berkeley	UNITED STATES	ENGSCI 343	15.00
MECHENG 104	Engineering Mechanics II	University of California - Berkeley	UNITED STATES	MECHENG 222	15.00
MECHENG 120	Computational Biomechanics	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
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EBS165	Bioinstrumentation and Control	University of California - Davis	UNITED STATES	BIOMENG 341	15.00
ECI 123	Urban System Sustainability	University of California - Davis	UNITED STATES	CIVIL PART 4	15.00
ECI 142	Engineering Hydrology	University of California - Davis	UNITED STATES	ENVENG 333	10.00
ECI 143	Green Engineering Design and Sustainability	University of California - Davis	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
ECI 144 & 144L	Groundwater Systems Design & Groundwater Systems Design Laboratory	University of California - Davis	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
ECI 171 & 171L	Soil Mechanics & Soil Mechanics Design Laboratory	University of California - Davis	UNITED STATES	CIVIL 324	10.00
ECI 130	Structural Analysis	University of California - Davis	UNITED STATES	CIVIL 312	15.00
ECI 141	Engineering Hydraulics	University of California - Davis	UNITED STATES	CIVIL 331	10.00
ECI 162	Transportation Land Use Sustainable Design	University of California - Davis	UNITED STATES	CIVIL 360	10.00
ECI 171	Soil Mechanics	University of California - Davis	UNITED STATES	CIVIL 322	10.00
ECI 173	Foundation Design	University of California - Davis	UNITED STATES	CIVIL 421	15.00
ECS 40	Intro to software	University of California - Davis	UNITED STATES	COMPSYS 202	15.00
ECS 132	Probability & Statistical Modelling for computer science	University of California - Davis	UNITED STATES	ENGSCI PART 3 ELECTIVE	15.00
EEC 100	Circuits II	University of California - Davis	UNITED STATES	MECHENG 370	15.00
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EME 154	Mechatronics	University of California - Davis	UNITED STATES	MECHENG 312	15.00

EME 171	Analysis, Simulation & Design of Mechatronics Systems	University of California - Davis	UNITED STATES	MECHENG 322	15.00
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ENG 105	Thermo Dynamics	University of California - Davis	UNITED STATES	MECHENG 211	15.00
ENG 190	Professional Responsibilities of Engineers	University of California - Davis	UNITED STATES	ENGGEN 303	15.00
ENGMEC 150A	Mechanical Design	University of California - Davis	UNITED STATES	MECHENG 340	15.00
ENGMEC 152	Computer aided Mechanic Design	University of California - Davis	UNITED STATES	MECHENG 334	15.00
ENGMEC 172 & 154	Auto control Eng.Sys.+Mech.Sys	University of California - Davis	UNITED STATES	MECHENG 322	15.00
MAT 119A	Ordinary Differential Equations	University of California - Davis	UNITED STATES	ENGSCI 314	15.00
MAT 135 A	Profitability	University of California - Davis	UNITED STATES	STATS 210	15.00
MAT 135 B	Stochastic Processes	University of California - Davis	UNITED STATES	STATS 325	15.00
MAT 167	Applied Linear Algebra	University of California - Davis	UNITED STATES	ENGSCI STAGE 3	15.00
MAT 168	Optimization	University of California - Davis	UNITED STATES	ENGSCI 391	15.00
PHY 105C	Continuum Mechanics	University of California - Davis	UNITED STATES	ENGSCI 343	15.00
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BME 110C + BME 150	Biomechanics 3	University of California - Irvine	UNITED STATES	BIOMENG 321	15.00
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CBEMS 126	Biomedical Photonics	University of California - Irvine	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
CBEMS 130	Separation Processes	University of California - Irvine	UNITED STATES	CHEMMAT 312	15.00
CBEMS 130	Separation Processes	University of California - Irvine	UNITED STATES	CHEMMAT 312	15.00
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CBEMS 145/149A	Chemical Engineering	University of California - Irvine	UNITED STATES	CHEMMAT 331	15.00
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ENGRCEE 130	Soil Mechanics	University of California - Irvine	UNITED STATES	CIVIL 322	10.00
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ENGRCSSE 110	Methods in Modelling, Economics	University of California - Irvine	UNITED STATES	ENGGEN 303	15.00
ENGRCSSE 171	Water Resource Engineering	University of California - Irvine	UNITED STATES	CIVIL 331	10.00
Chemical Engineering 101 C	Mass Transfer	University of California - Los Angeles	UNITED STATES	CHEMMAT 312	15.00
Chemical Engineering 106	Chemical Reaction Engineering	University of California - Los Angeles	UNITED STATES	CHEMMAT 315	15.00
Chemical Engineering 107	Process Dynamics and Control	University of California - Los Angeles	UNITED STATES	CHEMMAT 412	15.00
Chemical Engineering 108 B	Chemical Process Computer-Aided Design and Analysis	University of California - Los Angeles	UNITED STATES	CHEMMAT 331	15.00
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Civil and Environmental Eng 121	Design of Foundations and Earth Structures	University of California - Los Angeles	UNITED STATES	CIVIL 322	10.00
Civil and Environmental Eng 125	Fundamentals of Earthquake Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 314	10.00
Civil and Environmental Eng 128L	Soil Mechanics Laboratory	University of California - Los Angeles	UNITED STATES	CIVIL 325	10.00
Civil and Environmental Eng 130	Elementary structural mechanics	University of California - Los Angeles	UNITED STATES	CIVIL 211	10.00
Civil and Environmental Eng 135 A	Elementary structural analysis	University of California - Los Angeles	UNITED STATES	CIVIL 211	10.00
Civil and Environmental Eng 135 B	Intermediate Structural Analysis	University of California - Los Angeles	UNITED STATES	CIVIL 312	15.00
Civil and Environmental Eng 141	Steel Structure	University of California - Los Angeles	UNITED STATES	CIVIL 313	15.00

Civil and Environmental Eng 142	Design of Reinforced concrete structures	University of California - Los Angeles	UNITED STATES	CIVIL 250	10.00
Civil and Environmental Eng 150	Introduction to Hydrology	University of California - Los Angeles	UNITED STATES	ENVENG 333	10.00
Civil and Environmental Eng 151	Introduction to Water Resources Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 312	10.00
Civil and Environmental Eng 151	Introduction to Water Resources Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 331	10.00
Civil and Environmental Eng 153	. Introduction to Environmental Engineering Science	University of California - Los Angeles	UNITED STATES	ENVENG 244	15.00
Civil and Environmental Eng 157A	Hydrologic Modelling	University of California - Los Angeles	UNITED STATES	ENVENG 333	10.00
Civil and Environmental Eng 157A	Hydrologic Modelling	University of California - Los Angeles	UNITED STATES	CIVIL 331	10.00
Civil and Environmental Eng180	Introduction to Transportation Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 360	10.00
Computer Science 111	Operating Systems Principles	University of California - Los Angeles	UNITED STATES	SOFTENG 370	15.00
Computer Science 118	Computer Network Fundamentals	University of California - Los Angeles	UNITED STATES	SOFTENG 364	15.00
Computer Science 130	Software Engineering	University of California - Los Angeles	UNITED STATES	SOFTENG 306	15.00
Computer Science 136	Introduction to Computer Security	University of California - Los Angeles	UNITED STATES	SOFTENG 325	15.00
Computer Science 143	Database Systems	University of California - Los Angeles	UNITED STATES	SOFTENG 351	15.00
Computer Science 144	Web Applications	University of California - Los Angeles	UNITED STATES	SOFTENG 325	15.00
Computer Science 161	Fundamentals of Artificial Intelligence	University of California - Los Angeles	UNITED STATES	SOFTENG PART 4	15.00
Computer Science 174 B	Introduction to Computer Graphics	University of California - Los Angeles	UNITED STATES	COMPSCI 373	15.00
Electrical Engineering 113	Digital Signal Processing	University of California - Los Angeles	UNITED STATES	ELECTENG 733	15.00
Electronic Engineering 115A	Analogue Electronic Circuits I	University of California - Los Angeles	UNITED STATES	ELECTENG 305	15.00
Electrical Engineering 141	Principles of Feedback Control	University of California - Los Angeles	UNITED STATES	ELECTENG 303	15.00
Engineering 112	Laboratory to Market, Entrepreneurship for Engineers	University of California - Los Angeles	UNITED STATES	ENGGEN 303	15.00

Engineering 183EW	Engineering in Society	University of California - Los Angeles	UNITED STATES	ENGGEN PART 4	15.00
Mathematics 134	Linear and Nonlinear Systems of Differential Equations	University of California - Los Angeles	UNITED STATES	ENGSCI 314	15.00
Mathematics 136	Partial Differential Equations	University of California - Los Angeles	UNITED STATES	ENGSCI 314	15.00
Mathematics 164	Optimization	University of California - Los Angeles	UNITED STATES	ENGSCI 391	15.00
Mathematics 170 A	Probability theory	University of California - Los Angeles	UNITED STATES	STATS 210	15.00
Mathematics 171	Stochastic Processes	University of California - Los Angeles	UNITED STATES	STATS 325	15.00
Materials Science and Eng 160	Int Ceramics and Glasses	University of California - Los Angeles	UNITED STATES	ENGGEN PART 3	15.00
Management 1 A	Accounting Principles	University of California - Los Angeles	UNITED STATES	ENGGEN PART 2	15.00
BENG 112A	Biomechanics I	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
BENG 112B	Biomechanics II	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
BENG112A + BENG112B	Biomechanics	University of California - San Diego	UNITED STATES	ENGSCI 343	15.00
BENG 122A	Biosystems and Control	University of California - San Diego	UNITED STATES	BIOMENG 241	15.00
BENG 123	Systems Biology	University of California - San Diego	UNITED STATES	BIOMENG 261	15.00
BENG 140A	Bioengineering Physiology	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BENG 140A	Bioengineering Physiology	University of California - San Diego	UNITED STATES	MEDSCI 142	15.00
BENG 140B	Bioengineering Physiology	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BENG 160	Chemical & Molecular Bioengineering Techniques	University of California - San Diego	UNITED STATES	BIOMENG 361	15.00
BENG 162	Biotechnology Laboratory	University of California - San Diego	UNITED STATES	BIOMENG 261	15.00
BENG 172	Bioengineering Laboratory	University of California - San Diego	UNITED STATES	MEDSCI 205 (Lab)	15.00
BENG 186B	Principles of Bioinstrumentation	University of California - San Diego	UNITED STATES	BIOMENG 241	15.00

BENG 166A	Cell and Tissue Engineering	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
BIMM 110	Molecular Basis of Human Diseases	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
BIMM 112	Regulation of Gene Activity in Eukaryotic Cells	University of California - San Diego	UNITED STATES	BIOMENG 361	15.00
BIMM 116	Biological Clocks	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
BIMM 134	Biology for Cancer	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
BIPN 100	Mammalian Physiology I	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BIPN 102	Mammalian Physiology II	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BIPN 102	Human Physiology 2	University of California - San Diego	UNITED STATES	MEDSCI 142	15.00
BIPN 105	Animal Physiology Lab	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BIPN 140	Cellular Neurobiology	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
COGS 101C	Language	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
COGS 115	Neurological Development and Cognitive Change	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
CSE 100	Advanced Data Structures	University of California - San Diego	UNITED STATES	ENGSCI 331	15.00
ECE 111	Advanced Dig. Design	University of California - San Diego	UNITED STATES	ELECTENG 310	15.00
ECE 107	Electromagnetic	University of California - San Diego	UNITED STATES	ELECTENG 307	15.00
ECE 171B	Linear Control System Theory	University of California - San Diego	UNITED STATES	ENGSCI 331	15.00
MAE 105	Introduction to Mathematical Physics	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00
MAE 131B	Fundamentals of Soil Mechanics	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
MAE 170	Experimental Techniques	University of California - San Diego	UNITED STATES	BIOMENG 241	15.00
MATH 11	Calculus based introductory probability & statistics	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00

MATH 110A	Introduction to Partial Differential Equations	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00
MATH 110B	Elements of Partial differentiation and integral equations	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00
MATH 11L	Elementary Probability and Statistics Laboratory	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00
MGT 172	Business Project Management	University of California - San Diego	UNITED STATES	ENGGEN 303	15.00
NANO 101	Introduction to Nano-engineering	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
Nano 108	Material science and Engineering	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
NANO 150	Mechanics of Nanomaterials	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
CMPSC 154	Computer Architecture	University of California - Santa Barbara	UNITED STATES	COMPSCI 313	15.00
CMPSC 165A	Artificial Intelligence	University of California - Santa Barbara	UNITED STATES	COMPSCI 367	15.00
CMPSC 174A	Fundamentals of Database Systems	University of California - Santa Barbara	UNITED STATES	SOFTENG 351	15.00
CMPSC 185	Human-Computer Interaction	University of California - Santa Barbara	UNITED STATES	SOFTENG 350	15.00
ECE 124 B	Integrated circuit design	University of California - Santa Barbara	UNITED STATES	MECHENG 370	15.00
ECE 137A	Circuits and electronics	University of California - Santa Barbara	UNITED STATES	ELECTENG 310	15.00
ECE 144	Electromagnetic field and Waves	University of California - Santa Barbara	UNITED STATES	ELECTENG 307	15.00
ECE 153 B + 148	Sensor & Peripheral Int. Design	University of California - Santa Barbara	UNITED STATES	MECHENG 312	15.00
ECON 106	Managerial Economics	University of California - Santa Barbara	UNITED STATES	ENGGEN 303	15.00
ECON 134 A	Financial	University of California - Santa Barbara	UNITED STATES	ENGGEN 303	15.00
GEOG 112	Environmental Hydrology	University of California - Santa Barbara	UNITED STATES	ENVENG 333	10.00
MAT 122A	Introduction to theory of complex variables	University of California - Santa Barbara	UNITED STATES	ENGSCI 313	15.00
ME 155A	Control System Design	University of California - Santa Barbara	UNITED STATES	MECHENG 322	15.00

ME 104A	Numerical Analysis ENGR	University of California - Santa Barbara	UNITED STATES	ENGSCI 311	15.00
ME 140A + PSTAT133A		University of California - Santa Barbara	UNITED STATES	ENGSCI 311	15.00
ME 152A	Fluid Mechanics	University of California - Santa Barbara	UNITED STATES	CIVIL 332	10.00
ME 154	Design and Analysis of Structures	University of California - Santa Barbara	UNITED STATES	CIVIL 313	15.00
ME 158	CAD & Manufacturing	University of California - Santa Barbara	UNITED STATES	MECHENG 334	15.00
ME 163	Engineering Mechanics: Vibrations	University of California - Santa Barbara	UNITED STATES	CIVIL 314	10.00
ME 166	Advanced Strength of Materials	University of California - Santa Barbara	UNITED STATES	MECHENG 340	15.00
ME 166	Advanced Strength of Materials	University of California - Santa Barbara	UNITED STATES	CIVIL 313	15.00
TMP 120	Business Strategy & Leadership Skills	University of California - Santa Barbara	UNITED STATES	ENGGEN 303	15.00
CE2710	Transportation Engineering	University of Connecticut	UNITED STATES	CIVIL 361	10.00
CE3120	Fluid Mechanics	University of Connecticut	UNITED STATES	CIVIL 331	10.00
CE3300	Environmental Engineering Laboratory	University of Connecticut	UNITED STATES	CIVIL PART 3	10.00
CE3320	Water Quality Engineering	University of Connecticut	UNITED STATES	CIVIL PART 3	10.00
CE3530	Engineering & Environmental Geology	University of Connecticut	UNITED STATES	CIVIL 404	15.00
CE3610	Basic Structural Analysis	University of Connecticut	UNITED STATES	CIVIL 312	15.00
CE3620	Basic Structural Design	University of Connecticut	UNITED STATES	CIVIL 313	15.00
CE4520	Soils Engineering	University of Connecticut	UNITED STATES	CIVIL 322	10.00
CHEG 3124 & CHEG 3128	Heat and Mass Transfer	University of Connecticut	UNITED STATES	CHEMMAT 312	15.00
CHEG 4143	Process Design and Economics	University of Connecticut	UNITED STATES	CHEMMAT 331	15.00
MSE 4004	Thermal/Mechanical Processing of Materials	University of Connecticut	UNITED STATES	CHEMMAT 322	15.00

MSE 4034 & MSE 4241	Corrosion and Materials Protection	University of Connecticut	UNITED STATES	CHEMMAT 322	15.00
OPIM 3801	Principles of Project Management	University of Connecticut	UNITED STATES	ENGGEN 303	15.00
COMP 32212	Implementing System-on-Chip Designs	University of Manchester	UNITED STATES	COMPSYS 395	15.00
COMP 33812 + COMP 16212	Software Evolution/Oriented Programming with Java	University of Manchester	UNITED STATES	COMPSYS 302	15.00
MACE 12112	Management 1	University of Manchester	UNITED STATES	ENGGEN 303	15.00
MATH 20142	Complex Analysis	University of Manchester	UNITED STATES	ENGSCI 313	15.00
MAE 3309	Thermal Engineering	University of Texas at Arlington	UNITED STATES	MECHENG 311	15.00
MAE 3310	Thermodynamics I	University of Texas at Arlington	UNITED STATES	MECHENG 311	15.00
MAE 3311	Thermodynamics II	University of Texas at Arlington	UNITED STATES	MECHENG 311	15.00
MAE 3318	Kinematics and Dynamics of Machines	University of Texas at Arlington	UNITED STATES	MECHENG 325	15.00
ME 3315	Aerospace Structural Statics	University of Texas at Arlington	UNITED STATES	MECHENG 340	15.00
APMA 3110	Applied Statistics & Probability	University of Virginia	UNITED STATES	ENGSCI 311	15.00
APMA 3140	Applied Partial Differential Equations	University of Virginia	UNITED STATES	ENGSCI 314	15.00
APMA 3340	Complex variables	University of Virginia	UNITED STATES	ENGSCI PART 3 UNSPECIFIED	15.00
BME 2102	Physiology 2	University of Virginia	UNITED STATES	MEDSCI 205	15.00
BME 2220	Biomechanics	University of Virginia	UNITED STATES	BIOMENG 321	15.00
BME 4417	Tissue Engineering	University of Virginia	UNITED STATES	BIOMENG 361	15.00
C3 4102	Algorithms	University of Virginia	UNITED STATES	ENGSCI 331	15.00
CE 3220	Water Resources Engineering	University of Virginia	UNITED STATES	ENVENG 333	10.00
CE 3220	Water Resources Engineering	University of Virginia	UNITED STATES	CIVIL 331	10.00

CE 3310	Design of Concrete Structures	University of Virginia	UNITED STATES	CIVIL 312	15.00
CE 3400	Transportation Infrastructure Design	University of Virginia	UNITED STATES	CIVIL 361	10.00
CE 3400	Transportation Infrastructure Design	University of Virginia	UNITED STATES	CIVIL 310	10.00
CE 3402	Transportation Infrastructure Workshop	University of Virginia	UNITED STATES	CIVIL 360	10.00
CE 4000	Construction Engineering	University of Virginia	UNITED STATES	ENGGEN 303	15.00
CE 4120	Experimental Analyses in Environmental Engineering	University of Virginia	UNITED STATES	ENVENG 342	15.00
CE 4410	Introduction to Transportation Planning	University of Virginia	UNITED STATES	CIVIL 361	10.00
CE 4700	Foundation Engineering	University of Virginia	UNITED STATES	CIVIL 322	10.00
CHEM 1610	Introduction Chemistry for Engineers	University of Virginia	UNITED STATES	ENGGEN140	15.00
CS 4102	Algorithms	University of Virginia	UNITED STATES	ENGSCI 331	15.00
HPMA 3140	Applied Partial Differentiation Equations	University of Virginia	UNITED STATES	ENGSCI 314	15.00
MAE 3220	Advanced Fluid Mechanics	University of Virginia	UNITED STATES	ENGSCI PART 3	15.00
MAE 3310 + MAE 3610	Aerospace Structures	University of Virginia	UNITED STATES	ENGSCI 363	15.00
MAE 3710	Mechanical Systems Modelling	University of Virginia	UNITED STATES	ENGSCI 363	15.00
MATH 3255	ODE	University of Virginia	UNITED STATES	ENGSCI 314	15.00
MATH 4080	Operation Research	University of Virginia	UNITED STATES	PART 3 ELECTIVE	15.00
MATH 4080	Operations Research	University of Virginia	UNITED STATES	ENGSCI 391	15.00
STAT 3430	Statistical	University of Virginia	UNITED STATES	STATS 301	15.00
STAT 5170	Applied Time Series	University of Virginia	UNITED STATES	PART 3 ELECTIVE	15.00
SYS 3021	Deterministic Decision Models	University of Virginia	UNITED STATES	ENGSCI 355	15.00

SYS 3060	Stochastic Decision Models	University of Virginia	UNITED STATES	STATS PART 3	15.00
SYS 6003	Optimization I	University of Virginia	UNITED STATES	ENGSCI PART 3 UNSPECIFIED	15.00

Australia

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
431.221	Fundamentals of Signals and Systems	University of Melbourne	AUSTRALIA	ELECTENG 303	15.00
431.327	Communication System	University of Melbourne	AUSTRALIA	ELECTENG 305	15.00
431.330	Design Laboratory	University of Melbourne	AUSTRALIA	ELECTENG 311	15.00
640.381	Principles and Application of Sensors	University of Melbourne	AUSTRALIA	ELECTENG 428	15.00
CVEN3201	Applied Geotechnics & Engineering Geology	University of New South Wales	AUSTRALIA	CIVIL 322	10.00
CVEN3301	Structural Analysis and Modelling	University of New South Wales	AUSTRALIA	CIVIL 312	15.00
CVEN3401	Sustainable Transport & Highway Engineering	University of New South Wales	AUSTRALIA	CIVIL 360	10.00
CVEN3501	Water Resources Engineering	University of New South Wales	AUSTRALIA	CIVIL 331	10.00
ENGG0360	Communication in Engineering	University of New South Wales	AUSTRALIA	ENGGEN 204	15.00
MATH 3121	Mathematical Methods & PPE	University of New South Wales	AUSTRALIA	ENGSCI 311	15.00
MATZ 005	Intro to Fluid flow Heat transfer	University of New South Wales	AUSTRALIA	MECHENG 211	15.00
MECH 3540	Computational Engineering	University of New South Wales	AUSTRALIA	MECHENG 334	15.00
MMAN 2300	Engineering Mechanics 2	University of New South Wales	AUSTRALIA	MECHENG 222	15.00
MMAN 2700	Thermo Dynamics	University of New South Wales	AUSTRALIA	MECHENG 311	15.00
MMAN 3200	Linear systems and control	University of New South Wales	AUSTRALIA	MECHENG 322	15.00
MMAN 3400	Mechanics of Solids 2	University of New South Wales	AUSTRALIA	MECHENG 340	15.00
MMAN 4400	Engineering management	University of New South Wales	AUSTRALIA	ENGGEN 303	15.00
NAVL3410	Ship Structures	University of New South Wales	AUSTRALIA	MECHENG 334	15.00
NAVL3610	Ship Hydrostatics and Practice	University of New South Wales	AUSTRALIA	MECHENG PART 4	15.00
ELEC 3400	Electronic Circuits	University of Queensland	AUSTRALIA	MECHENG 370	15.00
MATH2100 + STAT2004	Applied Mathematical Analysis + Statistical Modelling & Analysis	University of Queensland	AUSTRALIA	ENGSCI 311	15.00
MECH 3600 + ENGG 4800	Eng Management + communication	University of Queensland	AUSTRALIA	ENGGEN 303	15.00
MECH3100	Mechanics and Space Systems Design	University of Queensland	AUSTRALIA	MECHENG PART 4	15.00
MECH3200	Advanced Dynamics and vibrations	University of Queensland	AUSTRALIA	MECHENG 325	15.00
METR 3100	Sensor and activators	University of Queensland	AUSTRALIA	MECHENG 312	15.00
METR 3200 + ELEC 3004	Intro to control systems + signals, systems & control	University of Queensland	AUSTRALIA	MECHENG 322	15.00

CHNG 3804	Biochemical Engineering	University of Sydney	AUSTRALIA	CHEMMAT 464	15.00
CHNG 3806	Management of Industrial Systems	University of Sydney	AUSTRALIA	ENGEN 403	15.00
CHNG 3807	Products and Valve Chains	University of Sydney	AUSTRALIA	ENGEN PART 3	15.00
MATH 3708	PDE's and Waves	University of Sydney	AUSTRALIA	ENGSCI 311	15.00

Brazil

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
PCC 2301	Management & Production in Construction 1	University of Sao Paulo	BRAZIL	ENGGEN 303	15.00
PEA 2596	Energy & Environmental	University of Sao Paulo	BRAZIL	ENVENG 341	15.00
PEF 2305	Soil Mechanics	University of Sao Paulo	BRAZIL	CIVIL 322	10.00
PHO 2303	Hydraulics 1	University of Sao Paulo	BRAZIL	CIVIL 331	10.00
PHO 2344	Natural Resource Management	University of Sao Paulo	BRAZIL	ENGGEN 303	15.00
PTR 2378	Infrastructure Project	University of Sao Paulo	BRAZIL	CIVIL 360	10.00

Canada

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
BREE 324	Elements of Food Engineering	McGill University	CANADA	CHEMMAT 756	15.00
BREE 420	Engineering for Sustainability	McGill University	CANADA	ENGGEN 303	15.00
BUSA 465	Technological Entrepreneurship	McGill University	CANADA	ENGGEN 303	15.00
CCOM 206	Communication in Engineering	McGill University	CANADA	ENGGEN 204	15.00
CHEE 351	Separation Processes	McGill University	CANADA	CHEMMAT 312	15.00
CHEE 370	Elements of Biotechnology	McGill University	CANADA	CHEMMAT 464	15.00
CHEE 392	Project Laboratory 1	McGill University	CANADA	CHEMMAT PART 3	15.00
CHEE 423	Chemical Reaction Engineering	McGill University	CANADA	CHEMMAT 315	15.00
CHEE 453	Process Design	McGill University	CANADA	CHEMMAT 331	15.00
CHEE 510	Advanced Separation Processes	McGill University	CANADA	ENGGEN PART 4	15.00
CIVE 225	Environmental Engineering	McGill University	CANADA	ENVENG 341	15.00
CIVE 311	Geotechnical Mechanics	McGill University	CANADA	CIVIL 324	10.00
CIVE 319	Transportation Engineering	McGill University	CANADA	CIVIL 360	10.00
CIVE 320	Numerical Methods	McGill University	CANADA	ENGSCI 311	15.00
CIVE 320	Numerical Methods	McGill University	CANADA	ENGSCI 311	15.00
CIVE 323	Hydrology and Water Resources	McGill University	CANADA	ENVENG 333	15.00
CIVE 324	Sustainable Project Management	McGill University	CANADA	ENGGEN 303	15.00
CIVE 327	Fluid Mechanics and Hydraulics	McGill University	CANADA	CIVIL 331	10.00
CIVE 416	Geotechnical Engineering	McGill University	CANADA	CIVIL 322	10.00
CIVE 430	Water Treatment and Pollution Control	McGill University	CANADA	ENVENG 342	15.00
CIVE 440	Traffic Engineering	McGill University	CANADA	CIVIL 361	10.00
CIVE 446	Construction Engineering	McGill University	CANADA	CIVIL 409	15.00
CIVE 462	Design of steel structure	McGill University	CANADA	CIVIL 313	15.00
CIVE 514	Structural Mechanics	McGill University	CANADA	MECHENG 340	15.00
CIVE 540	Transportation Planning	McGill University	CANADA	CIVIL 361	10.00
COMP 251	Algorithms and Data Structures	McGill University	CANADA	COMPSYS 302	15.00

COMP 330	Theory of Computation	McGill University	CANADA	SOFTENG 211	15.00
COMP 350	Numerical Computing	McGill University	CANADA	ENGSCI 331	15.00
COMP 566	Discrete Optimisation 1	McGill University	CANADA	ENGSCI 391	15.00
ECSE 211	Design Principles and Methods	McGill University	CANADA	ENGGEN 303	15.00
ECSE 211 and COMP 206	Design Principles & Methods/Intro to Software Systems	McGill University	CANADA	SOFTENG 206	15.00
ECSE 303	Signal and Systems 1	McGill University	CANADA	ELECTENG 303	15.00
ECSE 321	Introduction to Software Engineering	McGill University	CANADA	SOFTENG 254	15.00
ECSE 321	Introduction to Software Engineering	McGill University	CANADA	SOFTENG 325	15.00
ECSE 322	Computer Engineering	McGill University	CANADA	COMPSYS 304	15.00
ECSE 323	Digital Systems Design	McGill University	CANADA	MECHENG 371	15.00
ECSE 323	Digital Systems Design	McGill University	CANADA	ELECTENG 311	15.00
ECSE 323	Digital Systems Design	McGill University	CANADA	ELECTENG 310	15.00
ECSE 334	Introduction to Microelectronics	McGill University	CANADA	ELECTENG 305	15.00
ECSE 351	Electromagnetic Fields	McGill University	CANADA	ELECTENG 307	15.00
ECSE 361	Power Engineering	McGill University	CANADA	ELECTENG 309	15.00
ECSE 426	Microprocessor Systems	McGill University	CANADA	MECHENG 313	15.00
FACC 300	Engineering Economy	McGill University	CANADA	ENGGEN 303	15.00
INTO200	Introduction to International Development	McGill University	CANADA	ENGSCI PART 2	15.00
MATH 262	Intermediate Calculus	McGill University	CANADA	ENGSCI 311	15.00
MATH 271	Linear Algebra and Partial Differential Equations	McGill University	CANADA	ENGSCI 311	15.00
MATH 271	Linear Algebra and Partial Differential Equations	McGill University	CANADA	ENGSCI 313	15.00
MATH 319 + MATH 324	Intro. to Partial Differential Equations + Statistics	McGill University	CANADA	ENGSCI 314	15.00
MATH 381	Complex Variables and Transforms	McGill University	CANADA	ENGSCI 313	15.00
MATH 417	Mathematical Programming	McGill University	CANADA	Elective Part 3	15.00
MECH 321	Mechanics of Deformable Solids	McGill University	CANADA	MECHENG 340	15.00
MECH 331	Fluid Mechanics	McGill University	CANADA	MECHENG 325	15.00
MECH 331	Fluid Mechanics 1	McGill University	CANADA	Elective Part 3	15.00
MECH 393	Machine Element Design	McGill University	CANADA	ENGSCI 363	15.00
MECH 412	Dynamics and Control	McGill University	CANADA	MECHENG 322	15.00

MECH 528	Product Design	McGill University	CANADA	MECHENG 334	15.00
MECH 539	Computational Aerodynamics	McGill University	CANADA	MECHENG PART 3	15.00
MECH 321	Mechanics of Deformable Solids	McGill University	CANADA	MECHENG340	15.00
MECH 393	Machine Element Design	McGill University	CANADA	MECHENG334	15.00
MECH 412	System Dynamics and Control	McGill University	CANADA	MECHENG322	15.00
MIME 310	Engineering Economy	McGill University	CANADA	ENGGEN 303	15.00
MIME 320	Extraction of Energy Resources	McGill University	CANADA	CHEMMAT PART 3	15.00
MIME 340	Applied Fluid Dynamics	McGill University	CANADA	CHEMMAT 313	15.00
MIME 352	Hydrochemical Processing	McGill University	CANADA	CHEMMAT 317	15.00
ECSE 361	Power Engineering	McGill University	CANADA	ELECTENG 307	15.00
ECSE 323	Digital System Design	McGill University	CANADA	ELECTENG 310	15.00
MATH 381	Complex Variables and Transforms	McGill University	CANADA	ENGSCI 313	15.00
MATH 271	Linear Algebra and Partial Differential Equations	McGill University	CANADA	ENGSCI 313	15.00
COMP 251	Algorithms and Data Structures	McGill University	CANADA	COMPSYS 302	15.00
MIME 452	Process & Materials Design	McGill University	CANADA	CHEMMAT 331	15.00
MIME 456	Steelmaking and steel processing	McGill University	CANADA	CHEMMAT 322	15.00
COMP ENG2D14	Logic Design	McMaster University	CANADA	MECHENG 371	15.00
MECH ENG 3004	Fluid Mechanics	McMaster University	CANADA	MECHENG 325	15.00
MECH ENG 3FO4	Modelling and Numerical Solutions	McMaster University	CANADA	ENGSCI 311	15.00
MECH ENG 4QO3	Mechanical Vibrations	McMaster University	CANADA	MECHENG 325	15.00
SFWR ENG 2GA3	Computer Architecture	McMaster University	CANADA	MECHENG 313	15.00
CHEE 209	Analysis of Process Data	Queen's University	CANADA	ENGSCI 311	15.00
CHEE 321	Chemical Reaction Energy	Queen's University	CANADA	CHEMMAT 315	15.00
CHEE 340	Biomedical Engineering	Queen's University	CANADA	CHEMMAT PART 3 ELECTIVE	15.00
CHEE 342	Environmental Biotechnology	Queen's University	CANADA	CHEMMAT 317 / ELECTIVE	15.00
CHEE 380	Biomechanical Engineering	Queen's University	CANADA	CHEMMAT PART 3 ELECTIVE	15.00
CHEE 418	Strategies Proc Investigations	Queen's University	CANADA	ENGSCI 311	15.00
ELEC 323	Signals and Systems I	Queen's University	CANADA	ELECTENG 303	15.00
ELEC 333	Electric Machines	Queen's University	CANADA	ELECTENG 309	15.00

ELEC 353	Electronics II	Queen's University	CANADA	ELECTENG 305	15.00
ELEC 381	Applications of Electromagnetics	Queen's University	CANADA	ELECTENG 309	15.00
ELEC 443	Control System I	Queen's University	CANADA	ELECTENG 303	15.00
ENCH 312	Transitional Metal Chemistry	Queen's University	CANADA	CHEMMAT PART 3 ELECTIVE	15.00
MINE 331	Methods of Manual Separation	Queen's University	CANADA	CHEMMAT 313	15.00
CIVE 411	Transportation Engineering II	University of Alberta	CANADA	CIVIL 361	10.00
CIVE 431	Water Resources Engineering	University of Alberta	CANADA	ENVENG 333	10.00
CIVE 474	Structural Design II	University of Alberta	CANADA	CIVIL 313	15.00
CIVE 631	Engineering Fluid Mechanics	University of Alberta	CANADA	CIVIL 332	10.00
MATH 300	Advanced Boundary Value of Problems I	University of Alberta	CANADA	ENGSCI 311	15.00
CHBC 230	Computational Methods	University of British Columbia	CANADA	ENGSCI 263	15.00
CHBE 244	Chemical & Biomedical thermodynamics	University of British Columbia	CANADA	CHEMMAT 212	15.00
ELECT 311	Electromagnetic Fields and Waves	University of British Columbia	CANADA	ELECTENG 307	15.00
CPEN 311	Digital Systems Design	University of British Columbia	CANADA	ELECTENG 310	15.00
MATH 305	Applied Complex Analysis	University of British Columbia	CANADA	ENGSCI 313	15.00
CPSC 320	Intermediate Algorithm Design and Analysis	University of British Columbia	CANADA	COMPSYS 302	15.00
APSC 440	Management Fundamentals for Technology-Based Product Marketing and Development	University of British Columbia	CANADA	ENGGEN 303	15.00
CHBE 251	Transport Phenomena 1	University of British Columbia	CANADA	CHEMMAT 213	15.00
CHBE 344	Unit Operations I	University of British Columbia	CANADA	CHEMMAT 313	15.00
CHBE 345	Unit Operations 2	University of British Columbia	CANADA	CHEMMAT 312	15.00
CHBE 356	Process Dynamics & Control	University of British Columbia	CANADA	Part III Elective	15.00
CHBE 373	Water Pollution Control	University of British Columbia	CANADA	ENGVENG 342	15.00
CHBE 373	Water Pollution Control	University of British Columbia	CANADA	ELECTIVE	15.00

CHBE 376	Computer Flow Sheeting	University of British Columbia	CANADA	CHEMMAT 331	15.00
CHBE 455	Kinetics and Reactor Design	University of British Columbia	CANADA	CHEMMAT 315	15.00
CHBE 483	Energy Engineering	University of British Columbia	CANADA	ELECTIVE	15.00
CHBE 485	Air pollution preservation and control	University of British Columbia	CANADA	ENVENG 342	15.00
CHBE 485	Air pollution preservation and control	University of British Columbia	CANADA	ELECTIVE	15.00
CIVL 210	Soil Mechanics	University of British Columbia	CANADA	CIVIL 221	10.00
CIVL 230	Solid Mechanics 1	University of British Columbia	CANADA	CIVIL 211	10.00
CIVL 301	Optimisation & Decision Analysis in Civil Engineering	University of British Columbia	CANADA	ENGGEN 303	15.00
CIVL 301	Optimization and Decision Analysis in Civil Engineering Managing Projects and Innovation	University of British Columbia	CANADA	ENGGEN303	15.00
CIVL 311	Soil Mechanics II	University of British Columbia	CANADA	CIVIL 322	10.00
CIVL 315	Fluid Mechanics II	University of British Columbia	CANADA	CIVIL 332	10.00
CIVL 315	Fluid Mechanics II	University of British Columbia	CANADA	CIVIL331	10.00
CIVL 316	Hydrology + Flow	University of British Columbia	CANADA	ENVENG 333	10.00
CIVL 316	Hydrology and Open Channel Flow	University of British Columbia	CANADA	CIVIL 332	10.00
CIVL 320	Civil engineering materials	University of British Columbia	CANADA	CIVIL 250	10.00
CIVL 331	Steel and Timber Design	University of British Columbia	CANADA	CIVIL 312	15.00
CIVL 340	Transportation Engineering I	University of British Columbia	CANADA	CIVIL 360	10.00
CIVL 400	Construction Engineering & Management	University of British Columbia	CANADA	ENGGEN 303	15.00
CIVL 403	Engineering Economic Analysis	University of British Columbia	CANADA	ENGGEN 303	15.00
CIVL 406	Water treatment and waste management	University of British Columbia	CANADA	ENVENG 244	15.00

CIVL 406	Water treatment	University of British Columbia	CANADA	ENVENG 342	15.00
CIVL 407	Environmental lab analysis	University of British Columbia	CANADA	ENVENG 343	10.00
CIVL 410	Foundation engineering	University of British Columbia	CANADA	CIVIL 421	15.00
CIVL 416	Environmental Hydraulics	University of British Columbia	CANADA	ENVENG 342	15.00
CIVL 418	Engineering Hydrology	University of British Columbia	CANADA	ENVENG 333	10.00
CIVL 430	Design of Concrete Structures	University of British Columbia	CANADA	CIVIL 313	15.00
CIVL 432	Advanced Structural Steel Design	University of British Columbia	CANADA	CIVIL PART 3 UNSPECIFIED	10.00
CIVL 436	Matrix structure analysis	University of British Columbia	CANADA	CIVIL 416	15.00
CIVL 439	Design timber Structures	University of British Columbia	CANADA	CIVIL 451	15.00
CIVL 440	Transportation Engineering II	University of British Columbia	CANADA	CIVIL 361	10.00
EOSC 329	Ground water Hydrology	University of British Columbia	CANADA	ENVENG 333	10.00
EOSC 429	Groundwater Contamination	University of British Columbia	CANADA	ENVENG PART 3	10.00
IGEN 201	Integrated technical communication	University of British Columbia	CANADA	ENGGEN 204	15.00
IGEN 201	Integrated technical communication	University of British Columbia	CANADA	ENGGEN 204	15.00
MATH 257	Partial Differential Equations	University of British Columbia	CANADA	ENGSCI 311	15.00
MATH 302	Introduction to Probability	University of British Columbia	CANADA	STATS 210	15.00
MATH 303	Introduction to Stochastic Processes	University of British Columbia	CANADA	Part III Elective	15.00
MECH 222	Engineering Science II	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 223	Mechanical Design	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 328	Mechanical Engineering Design Project	University of British Columbia	CANADA	ENGSCI 263	15.00

MECH 329	Materials for Mechanical Design	University of British Columbia	CANADA	CHEMMAT 221	15.00
MECH 358	Engineering Analysis	University of British Columbia	CANADA	ENGSCI 263	15.00
MECH 386	Industrial Fluid Mechanics	University of British Columbia	CANADA	ENSCI 263	15.00
MTRL 280	Materials in Design	University of British Columbia	CANADA	CHEMMAT 232	15.00
MTRL 340	Manufacturing in Materials Engineering	University of British Columbia	CANADA	CHEMMAT 322	15.00
MTRL 358	Hydrometallurgy I	University of British Columbia	CANADA	ELECTIVE	15.00
MTRL 361	Modelling Materials Processes	University of British Columbia	CANADA	CHEMMAT 212	15.00
MTRL 361	Modelling of Materials Processes	University of British Columbia	CANADA	ELECTIVE	15.00
MTRL 392	Engineering Technical Communications	University of British Columbia	CANADA	ENGGEN 204	15.00
MTRL 398	Written communication for Engineers	University of British Columbia	CANADA	ENGGEN 204	15.00
MTRL 460	Monitoring and Optimization of Materials	University of British Columbia	CANADA	ELECTIVE	15.00
SCIE 300	Communicating Science	University of British Columbia	CANADA	ENGGEN 204	15.00
STATS 203	Statistical Methods	University of British Columbia	CANADA	STATS 210	15.00
AMAT491	Numerical Analysis I	University of Calgary	CANADA	ENGSCI 311	15.00
ENCI 423	Geotechnical Engineering	University of Calgary	CANADA	CIVIL 322	15.00
ENCI 451	Structural Engineering	University of Calgary	CANADA	CIVIL 312	15.00
ENCI 471	Project Management 1	University of Calgary	CANADA	ENGGEN 303	15.00
ENCI 473	Transportation Engineering	University of Calgary	CANADA	CIVIL 361	15.00
ENCI 513	Structural Concrete Materials and Design	University of Calgary	CANADA	CIVIL PART 4	15.00
ENCI 535	Concrete and Masonry Materials Construction	University of Calgary	CANADA	CIVIL 331	10.00
ENCI 565	Project Management 2	University of Calgary	CANADA	ENGGEN 303	15.00
ENEL 407	Numerical Methods in ENEL	University of Calgary	CANADA	ENGSCI 311	15.00
ENGG 209	Engineering Economics	University of Calgary	CANADA	ENGGEN 303	15.00

ENGG 317	Mechanics of Solids	University of Calgary	CANADA	MECHENG 242	15.00
ENME 402	Water Resources Engineering	University of Calgary	CANADA	CIVIL 331	15.00
ENME 471	Heat Transfer	University of Calgary	CANADA	MECHENG 311	15.00
ENME 473	Fundamentals of Kinematic and Dynamics of Machines	University of Calgary	CANADA	MECHENG 334	15.00
ENME 479	Mechanics of Materials	University of Calgary	CANADA	MECHENG 340	15.00
ENME 485	Thermodynamics	University of Calgary	CANADA	MECHENG 311	15.00
ENME 493	Machine Component Design	University of Calgary	CANADA	MECHENG 334	15.00
ENME 495	Fluid Mechanics	University of Calgary	CANADA	CIVIL 331	15.00
ENME 503	Computer Aided Design and Manufacturing	University of Calgary	CANADA	MECHENG 334	15.00
ENME 547	Element Method	University of Calgary	CANADA	MECHENG PART 4	15.00
ENME 585	Control Systems	University of Calgary	CANADA	MECHENG 322	15.00
ENME 599	Machine Dynamics	University of Calgary	CANADA	MECHENG 325	15.00
ENMF 415	Manufacturing Systems I	University of Calgary	CANADA	MECHENG 352	15.00
ENTI 201	Introduction to Business Venturing	University of Calgary	CANADA	ENGGEN 303	15.00
OPMA 301	Introduction to production end operations management	University of Calgary	CANADA	ENGGEN 303	15.00
CPEN 311	Digital Systems Design	University of Columbia	CANADA	ELECTENG 310	15.00
CPSC 320	Intermediate Algorithm Design and Analysis	University of Columbia	CANADA	COMPSYS 302	15.00
ELEC 311	Electromagnetic Fields and Waves	University of Columbia	CANADA	ELECTENG 307	15.00
ELEC 391	Electrical Engineering Design Studio	University of Columbia	CANADA	ENGGEN 303	15.00
MATH 305	Applied Complex Analysis	University of Columbia	CANADA	ENGSCI 313	15.00
AER 373H1	Mechanics of Solids and Structures	University of Toronto	CANADA	ENGSCI PART 3	15.00
APM 384H1	Partial Differential Equations	University of Toronto	CANADA	ENGSCI PART 3 UNSPECIFIED	15.00
APS 106H1	Fundamentals of Computer Programming	University of Toronto	CANADA	COMPSYS 302	15.00
CIV332H1	Transport II - Performance	University of Toronto	CANADA	CIVIL 361	15.00
CIV340H1	Municipal Engineering	University of Toronto	CANADA	CIVIL PART 4	15.00
CIV488H1	Entrepreneurship and Business for Engineers	University of Toronto	CANADA	ENGGEN 303	15.00
CSC318H1	The Design of Interactive Computational Media	University of Toronto	CANADA	SOFTENG 306	15.00
CSC467H1	Compilers & Interpreters	University of Toronto	CANADA	SOFTENG 325	15.00
ECE344H1	Operating Systems	University of Toronto	CANADA	SOFTENG 370	15.00

ECE311H1	Dynamic Systems and Control	University of Toronto	CANADA	MECHENG 322	15.00
ECE342H1	Computer Hardware	University of Toronto	CANADA	COMPSYS 305	15.00
ECE361H1	Computer Networks 1	University of Toronto	CANADA	COMPSYS 405	15.00
ECE472H1	Engineering Economic Analysis & Entrepreneurship	University of Toronto	CANADA	ENGGEN 303	15.00
ESC471H1	Engineering Science Capstone Design	University of Toronto	CANADA	ENGSCI 363	15.00
MIE303H1	Mechanical and Thermal Energy Conversion Processes	University of Toronto	CANADA	MECHENG 311	15.00
MIE320H1	Mechanics of Solids II	University of Toronto	CANADA	MECHENG 340	15.00
MIE 334	Numerical Methods I	University of Toronto	CANADA	ENGSCI 331	15.00
MIE335H1	Algorithms & Numerical Methods	University of Toronto	CANADA	ENGSCI 331	15.00
MIE365H1	Operations Research III: Advanced OR	University of Toronto	CANADA	ENGSCI PART 3 UNSPECIFIED	15.00
MIE365H1F	Operations Research III: Advanced OR	University of Toronto	CANADA	ENGSCI 355	15.00

China

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
BIOL2501	Food Processing & Preservation	University of Hong Kong	CHINA	CHEMMAT 463	15.00
BIOL3317	Microbial Biotechnology	University of Hong Kong	CHINA	CHEMMAT 464	15.00
ELEC 2441	Computer Organization & microprocessors	University of Hong Kong	CHINA	MECHENG 313	15.00
ELEC 3342	Digital System Design	University of Hong Kong	CHINA	MECHENG 371	15.00
MECH 3407	Advanced partial & differential equations & complex variables	University of Hong Kong	CHINA	ENGSCI 311	15.00
MECH 3418	Dynamics and Control	University of Hong Kong	CHINA	MECHENG 345	15.00
MECH 6024	Applied Mathematics for Engineers	University of Hong Kong	CHINA	ENGSCI 311	15.00
CIVIL 2410	Environmental Engineering and Management	Hong Kong University of Science and Technology	CHINA	ENVENG 341	15.00
CIVIL 3010	Academic and Professional Development 3	Hong Kong University of Science and Technology	CHINA	ENGGEN 303	15.00
CIVIL 3520	Hydraulics	Hong Kong University of Science and Technology	CHINA	CIVIL 331	10.00
CIVIL 3610	Traffic and Transportation Engineering	Hong Kong University of Science and Technology	CHINA	CIVIL 360	10.00
CIVIL 3720	Soil Mechanics	Hong Kong University of Science and Technology	CHINA	CIVIL 322	10.00
COMP 3031+ COMP 3711	Principles of Programming Languages/Design and Analysis of Algorithms	Hong Kong University of Science and Technology	CHINA	SOFTENG 211	15.00
COMP 3111	Software Engineering Design	Hong Kong University of Science and Technology	CHINA	SOFTENG 206	15.00
COMP 3511	Operating Systems	Hong Kong University of Science and Technology	CHINA	SOFTENG 370	15.00
COMP 3721	Theory of Computation	Hong Kong University of Science and Technology	CHINA	SOFTENG 211	15.00
ELEC 3300	Intro to Embedded Systems	Hong Kong University of Science and Technology	CHINA	COMPSYS 303	15.00

Germany

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
MW 2142	Biotechnology for Engineers	Technical University of Munich	GERMANY	Part 1 Unspecified	15.00
MW 2149	Introduction to Wind Theory	Technical University of Munich	GERMANY	Part 1 Unspecified	15.00
WI 000809	Entrepreneurial Idea Development	Technical University of Munich	GERMANY	Part 1 Unspecified	15.00

Ireland

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
ACM 30030	Multivariable calculus Eng 2	University College Dublin	IRELAND	ENGSCI 311	15.00
ACM 30160	Mathematics for Engineers IV	University College Dublin	IRELAND	ENGSCI 311	15.00
CVEN 30040	Design of Structures	University College Dublin	IRELAND	CIVIL 313	15.00
CVEN 30060	Engineering Hydraulics II	University College Dublin	IRELAND	CIVIL 332	10.00
CVEN 30100	Theory and Design of Structures	University College Dublin	IRELAND	CIVIL 314	10.00
CVEN 40220	Intro to Winter Resources Engineering I	University College Dublin	IRELAND	ENVENG 333	10.00
CVEN 40450	Road safety audits for ENG	University College Dublin	IRELAND	CIVIL 361	10.00
ECON 30260	Transport Economics	University College Dublin	IRELAND	CIVIL 361	15.00
MEEN 30020	Mechanics of Solids	University College Dublin	IRELAND	MECHENG 340	15.00
MEEN 30040	Measurement and Instrumentation	University College Dublin	IRELAND	MECHENG 322	15.00

Japan

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
Control Engineering I	Control Engineering I	Tohoku University Sendai	JAPAN	MECHENG 322	15.00
Engineering Ethics	Engineering Ethics	Tohoku University Sendai	JAPAN	ENGGEN 303	15.00
Fracture Mechanics	Fracture Mechanics	Tohoku University Sendai	JAPAN	MECHENG 340	15.00
Fundamental Theory of the Electrical Circuit	Fundamental Theory of the Electrical Circuit	Tohoku University Sendai	JAPAN	ELECTENG 101	15.00
Introduction to Theory & Technology Policy	Introduction to Theory & Technology Policy	Tohoku University Sendai	JAPAN	ENGGEN 303	15.00
Material System Dynamics	Material System Dynamics	Tohoku University Sendai	JAPAN	MECHENG 340	15.00
Mechanics of Materials II	Mechanics of Materials II	Tohoku University Sendai	JAPAN	MECHENG 340	15.00

Korea

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
KHBE 323	Biomedical Imaging 1	Korea University	SOUTH KOREA	BIOMENG 341	15.00
KHBE 311	Biomedical Signals and Systems	Korea University	SOUTH KOREA	BIOMENG 341	15.00
PHYS 401	Computational Physics	Korea University	SOUTH KOREA	ENGSCI 331	15.00
PHYS 491	Biophysics	Korea University	SOUTH KOREA	MEDSCI 309	15.00
400.312	Management for Engineers	Seoul National University	SOUTH KOREA	ENGGEN 204	15.00
4190.101	Computer Programming	Seoul National University	SOUTH KOREA	MECHENG 270	15.00
010.102	Calculus - 2	Seoul National University	SOUTH KOREA	ENGSCI 311	15.00
457.306	Theory of reinforced concrete & Fab2	Seoul National University	SOUTH KOREA	CIVIL 313	15.00
457.318	Geotechnical Engineering	Seoul National University	SOUTH KOREA	CIVIL 324	10.00
457.412	Design of Transportation System	Seoul National University	SOUTH KOREA	CIVIL 361	10.00
M2794.001200	Dynamics	Seoul National University	SOUTH KOREA	MECHENG 222	15.00
M2794.001300	Fluid Mechanics	Seoul National University	SOUTH KOREA	MECHENG 211	15.00

New Zealand

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
705003+715001	Engineering Computing + Engineering Computation I	Auckland Univ of Technology	NEW ZEALAND	ENGGEN 131	15.00
DCE%556	Engineering Surveying	New Zealand Institute of Highway Technology	NEW ZEALAND	CIVIL 201	10.00
ENCI 231	Structural Mechanics 1	University of Canterbury	NEW ZEALAND	CIVIL 312	15.00
Maths 199	Advancing in Mathematical Sciences	University of Canterbury	NEW ZEALAND	ENGSCI 111	15.00
CHEM 191	Biological Chemistry	University of Otago	NEW ZEALAND	ENGGEN 140	15.00

Scotland

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
CHEE08009	Thermodynamics 2	University of Edinburgh	SCOTLAND	CHEMMAT312	15.00
CHEE09011	Chemical Engineering Thermodynamics 3	University of Edinburgh	SCOTLAND	CHEMMAT312	15.00
CHEE09015	Chemical Engineering Design 3	University of Edinburgh	SCOTLAND	CHEMMAT331	15.00
MAEE08002	Techniques of management	University of Edinburgh	SCOTLAND	ENGGEN 303	15.00
MAEE09003	Marketing Technical Products 3	University of Edinburgh	SCOTLAND	ENGGEN 303	15.00
MATH10073	Linear Programming, Modelling and Solution	University of Edinburgh	SCOTLAND	ENGSCI 391	15.00
MECE09011	Fluid Mechanics	University of Edinburgh	SCOTLAND	ENGSCI 343	15.00
MECE09013	Manufacturing Technology 3	University of Edinburgh	SCOTLAND	CHEMMAT322	15.00
MECE09013	Manufacturing Technology 3	University of Edinburgh	SCOTLAND	Elective	15.00
MECE09026	Sustainable Energy Group Design Project 3	University of Edinburgh	SCOTLAND	ENGGEN303	15.00
MECE10009	Polymers and Composite Materials 4	University of Edinburgh	SCOTLAND	Elective	15.00
SCEE11001	Nanotechnology 5	University of Edinburgh	SCOTLAND	Elective	15.00

Singapore

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
BN3101	Biomedical Engineering Design	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
BN3301	Introduction to Biomaterials	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
BN4201	Musculoskeletal Biomechanics	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
BN4301	Principles of Tissue Engineering	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
BN4402	Electrophysiology	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
BN4404	Bioelectromechanical Systems - Biomems	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
BN4406	Biophotonics and Bioimaging	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
BN5101	Engineering Principles in Medicine I	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
BN5205	Computational Biomechanics	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
CE2183	Course Project Management	National University of Singapore	SINGAPORE	CIVIL 409	15.00
CE2407	Engineering & Uncertainty Analyses	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
CE3115	Geotechnical Engineering	National University of Singapore	SINGAPORE	CIVIL 324	10.00
CE3121	Transportation Engineering	National University of Singapore	SINGAPORE	CIVIL 361	10.00
CE3132	Water Resource Engineering	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE3302	Transport Engineering	National University of Singapore	SINGAPORE	CIVIL 361	10.00
CE4321	Foundation	National University of Singapore	SINGAPORE	CIVIL 421	15.00
CE4324	Mechanics of Materials	National University of Singapore	SINGAPORE	CIVIL PART 3	10.00
CE4331	Water Systems	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE4347	Design	National University of Singapore	SINGAPORE	CIVIL 313	15.00
CE5101	Seepage and Consolidation	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE5203	Traffic Flow and Control	National University of Singapore	SINGAPORE	CIVIL 361	10.00
CE5313	Ground water Hydrology	National University of Singapore	SINGAPORE	ENVENG 333	10.00
CE5509	Advances SSD	National University of Singapore	SINGAPORE	CIVIL 313	15.00
CE5510	Advanced SC	National University of Singapore	SINGAPORE	CIVIL 715	15.00
CM5205	NA	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
CN2116	Chemical Kinetics + Reaction Engineering	National University of Singapore	SINGAPORE	CHEMMAT 315	15.00

CN2121	Chemical Engineering Thermo	National University of Singapore	SINGAPORE	CHEMMAT 212	15.00
CN2122	Fluid Mechanics	National University of Singapore	SINGAPORE	CHEMMAT 213	15.00
CN3124	Fluid-Solid Systems	National University of Singapore	SINGAPORE	CHEMMAT 313	15.00
CN3132	Separation Processes	National University of Singapore	SINGAPORE	CHEMMAT 312	15.00
CN3135E	Process safety health and Environment	National University of Singapore	SINGAPORE	CHEMMAT 317	15.00
CN3421	Process Modelling and Numerical Simulation	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
CS1102C + CS 2103	Data Structures and Algorithms + Software Engineering	National University of Singapore	SINGAPORE	COMPSYS 202	15.00
CS2103	Software Engineering	National University of Singapore	SINGAPORE	MECHENG270	15.00
CS2301	Business and Technical Communication	National University of Singapore	SINGAPORE	ENGGEN 204	15.00
CS3247	Game Development	National University of Singapore	SINGAPORE	ENGSCI PART 3 ELECTIVE	15.00
CZ3105	Numerical Analysis II	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
EE 2001	Project	National University of Singapore	SINGAPORE	ELECTENG 209	15.00
EE2010	Systems and Control	National University of Singapore	SINGAPORE	MECHENG 322	15.00
EE2011	Engineering Electromagnetics	National University of Singapore	SINGAPORE	ELECTENG 204	15.00
EE2023	Signals and Systems	National University of Singapore	SINGAPORE	MECHENG 322	15.00
EE3031	Innovation and Enterprise I	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
EE3206	Intro to Comp Vision & Image Processing	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
EE3206	Intro to Comp Vision & Image Processing	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE3331C	Feedback control systems	National University of Singapore	SINGAPORE	MECHENG 322	15.00
EE3431C	Microelectronics Materials and Devices	National University of Singapore	SINGAPORE	MECHENG 370	15.00
EE3601	Bioinstrumentation and Signal Analysis	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE4601	Sensors for Biomedical applications	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE4603	Biomedical Imaging Systems	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EE4604	Biological Perception in Digital Media	National University of Singapore	SINGAPORE	BIOMENG 341	15.00
EG1413	Critical Thinking & Writing	National University of Singapore	SINGAPORE	ENGGEN 204	15.00
EG2401	Engineering Professionalism	National University of Singapore	SINGAPORE	ENGGEN 204	15.00
ESE4401	Water & wastewater Engineering	National University of Singapore	SINGAPORE	ENVENG 342	15.00
ESE5401	Water Qual Management	National University of Singapore	SINGAPORE	ENVENG 746	15.00
ESE5405	Water treatment processes	National University of Singapore	SINGAPORE	ENVENG 342	15.00

ESP2106	Principles of Continua	National University of Singapore	SINGAPORE	ENGSCI 363	15.00
ESP3206	Continuum Mechanics	National University of Singapore	SINGAPORE	ENGSCI 343	15.00
IE2105	Fundamentals in Systems Engineering	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
IE2140	Engineering Economy	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
IE2150	Human Factors Engineering	National University of Singapore	SINGAPORE	ENGGEN 303	15.00
IE3101	Statistics for Engineering Applications	National University of Singapore	SINGAPORE	ENGSCI PART 3 UNSPECIFIED	15.00
LSM2104	Essential Bioinformatics and Biocomputing	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
LSM4213	Systems Neurobiology	National University of Singapore	SINGAPORE	MEDSCI 309	15.00
MA1506	Mathematic II	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
MA1506 + MA 2501	Maths II / Differential Equations and Systems	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
MA1506 + MA 2501	Mathematics 2 ; Differential Equations	National University of Singapore	SINGAPORE	ENGSCI 311	15.00
MA3227	Numerical Analysis II	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
MA3252	Linear & Network Optimisation	National University of Singapore	SINGAPORE	ENGSCI PART 3 ELECTIVE	15.00
MA3501	Mathematical Methods in Engineering	National University of Singapore	SINGAPORE	ENGSCI 314	15.00
MA4230	Matrix Computation	National University of Singapore	SINGAPORE	ENGSCI PART 3 UNSPECIFIED	15.00
MA5233	Computational Mathematics	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
ME2114	Mechanics of Materials 2	National University of Singapore	SINGAPORE	MECHENG 340	15.00
ME2121	Engineering Thermodynamics	National University of Singapore	SINGAPORE	MECHENG211	15.00
ME2134	Fluid Mechanics	National University of Singapore	SINGAPORE	CHEMMAT 213	15.00
ME2143	Sensors and Actuators	National University of Singapore	SINGAPORE	MECHENG 322	15.00
ME2143	Sensors and Actuators	National University of Singapore	SINGAPORE	MECHENG 312	15.00
ME3102	Mechanical System Design 2	National University of Singapore	SINGAPORE	MECHENG 334	15.00
ME3112	Mechanics of Machines	National University of Singapore	SINGAPORE	MECHENG222	15.00
ME3122	Heat Transfer	National University of Singapore	SINGAPORE	MECHENG211	15.00
ME3221	Energy Conversion Processes	National University of Singapore	SINGAPORE	MECHENG 311	15.00
ME3251	Materials for Engineers	National University of Singapore	SINGAPORE	MECHENG 334	15.00
ME3281	Microsystems Design and Applications	National University of Singapore	SINGAPORE	MECHENG 370	15.00
ME3291	Numerical Methods in Engineering	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
ME3662	Technical Elective	National University of Singapore	SINGAPORE	MECHENG 412	15.00

ME3662	Vibration Theory and Application	National University of Singapore	SINGAPORE	MECHENG 421	15.00
MLE2102	Thermodynamics	National University of Singapore	SINGAPORE	CHEMMAT 212	15.00
MNO1001	Management Organisation	National University of Singapore	SINGAPORE	ENGGEN204	15.00
PC3236	Computational Methods in Physics	National University of Singapore	SINGAPORE	ENGSCI 331	15.00
PC4267	Biophysics III	National University of Singapore	SINGAPORE	BIOMENG 321	15.00
CH 3141	Advanced Unit Operations	Nanyang Technological University	SINGAPORE	CHEMMAT 313	15.00
CH 4001	Chemical and Biomolecular Engineering	Nanyang Technological University	SINGAPORE	CHEMMAT 757	15.00
CH 4220	Green Processing	Nanyang Technological University	SINGAPORE	CHEMMAT 317	15.00
EN 3003	Environmental Transport Processes	Nanyang Technological University	SINGAPORE	CHEMMAT 315	15.00
MS 3012	Micro/Nanoelectronic Materials Processing	Nanyang Technological University	SINGAPORE	CHEMMAT 755	15.00
MS 3014	Analysis of Materials	Nanyang Technological University	SINGAPORE	CHEMMAT 724	15.00
MS 4013	Biomaterials	Nanyang Technological University	SINGAPORE	CHEMMAT 753	15.00
MS 4620	Polymer Technology	Nanyang Technological University	SINGAPORE	CHEMMAT 753	15.00
MS 4640	Advanced Analysis of Materials	Nanyang Technological University	SINGAPORE	CHEMMAT 724	15.00

Sweden

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
EDA040	Advanced concurrent programming	Lund University	SWEDEN	MECHENG 313	15.00
EDA385	Design Embedded Systems	Lund University	SWEDEN	MECHENG 313	15.00
FMEN11	Mechanical vibrations	Lund University	SWEDEN	MECHENG 325	15.00
VVRILO	Fluids Mechanics	Lund University	SWEDEN	MECHENG 325	15.00

Taiwan

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
CSIE 3510	Computer Networks	National Taiwan University	TAIWAN, PROVINCE OF CHINA	SOFTENG 364	15.00
CSIE 7644	Advanced Human Computer Interaction	National Taiwan University	TAIWAN, PROVINCE OF CHINA	SOFTENG 350	15.00
ESOE 5070	Database Systems	National Taiwan University	TAIWAN, PROVINCE OF CHINA	SOFTENG 351	15.00

United Kingdom

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
MGN 6001B	Principles of Management	University College London	UNITED KINGDOM	ENGGEN 303	15.00
MSIN 6001 + CEGE 3010	Management principles + Financial aspects	University College London	UNITED KINGDOM	ENGGEN 303	15.00
ELEC 3003	Control Systems	University College London	UNITED KINGDOM	MECHENG 322	15.00
MECH 2006 + 3005	Dynamics and control + Automatic Control	University College London	UNITED KINGDOM	MECHENG 322	15.00
MECH 2003 + 3010	Design	University College London	UNITED KINGDOM	MECHENG 334	15.00
MECH 2011 + MECH 3004	Materials + applied mechanics	University College London	UNITED KINGDOM	MECHENG 340	15.00
ELEC 3002	Power Electronics	University College London	UNITED KINGDOM	MECHENG 370	15.00
ELEC3030	Numerical Methods	University College London	UNITED KINGDOM	ENGSCI 331	15.00
STAT3006	Stochastic methods in finance	University College London	UNITED KINGDOM	Elective Part 3	15.00
STAT3002	Stochastic systems	University College London	UNITED KINGDOM	Elective Part 3	15.00
MATH3508	Financial mathematics	University College London	UNITED KINGDOM	Elective Part 3	15.00
ELEC3915	Renewable energy	University College London	UNITED KINGDOM	Elective Part 3	15.00
CEGE3021	Fluids and engineering Analysis	University College London	UNITED KINGDOM	ENGSCI 363	15.00
CEGEM082	GIS Principles and technology	University College London	UNITED KINGDOM	Elective Part 3	15.00
CIVE09016	Geotechnical Engineering 3	University of Edinburgh	UNITED KINGDOM	CIVIL 322	10.00
CIVE 09016	Geotechnical Engineering 3	University of Edinburgh	UNITED KINGDOM	CIVIL 324	10.00
CIVE 09014	Fluid Mechanics 3	University of Edinburgh	UNITED KINGDOM	CIVIL 331	10.00
CIVE 09020	Environmental Engineering 3	University of Edinburgh	UNITED KINGDOM	CIVIL 342	15.00

MAEE 09004	Marketing Info Systems (MIS)	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00
MAEE 09003	Marketing Technical Projects 3	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00
MATH 09014	Differential Equations	University of Edinburgh	UNITED KINGDOM	ENGSCI 311	15.00
CIVE 08011	Water Resources 2	University of Edinburgh	UNITED KINGDOM	ENVENG 333	10.00
SCE 08006	Engineering Thermodynamics 2	University of Edinburgh	UNITED KINGDOM	MECHENG 211	15.00
SCE 08003	Fluid Mechanics 2	University of Edinburgh	UNITED KINGDOM	MECHENG 211	15.00
MECE 08009	Dynamics 2	University of Edinburgh	UNITED KINGDOM	MECHENG 222	15.00
ELEE 09020	Power Electronics & Machines 3	University of Edinburgh	UNITED KINGDOM	MECHENG 312	15.00
SCE 09022	Control & Instrumentation Eng 3	University of Edinburgh	UNITED KINGDOM	MECHENG 322	15.00
ELEE 08016	Analogue Circuits 2	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
ELEE 08019	Electronics Project Lab 2B	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
ELEE 08015	Digital System Design 2	University of Edinburgh	UNITED KINGDOM	MECHENG 371	15.00
MECE 09015	Sustainable Energy	University of Edinburgh	UNITED KINGDOM	CIVIL PART 3 UNSPECIFIED	10.00
MATH10066	Honours Differential Equations	University of Edinburgh	UNITED KINGDOM	ENGSCI 311	15.00
CHEE09009	Chemical Engineering unit Operations 3	University of Edinburgh	UNITED KINGDOM	CHEMMAT 313	15.00
CHEE09013	Heat mass & momentum transfer 3	University of Edinburgh	UNITED KINGDOM	CHEMMAT 313	15.00
CHEE09008	Solids Processing 3	University of Edinburgh	UNITED KINGDOM	CHEMMAT 313	15.00
MECE 09015	Sustainable Energy: Principles processes	University of Edinburgh	UNITED KINGDOM	Elective	15.00
MAEE 09003	Marketing Technical Project 3	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00
MAEE 08002	Techniques of management	University of Edinburgh	UNITED KINGDOM	ENGGEN 303	15.00

ELEE 09020	Power electronics and machines 3	University of Edinburgh	UNITED KINGDOM	MECHENG 312	15.00
SCEE 09002	Control & Instrumentation Engineering 3	University of Edinburgh	UNITED KINGDOM	MECHENG 322	15.00
ELEE 09017	Signal & Communication Systems 3	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
ELEE 09025	Analogue mixed signal laboratories	University of Edinburgh	UNITED KINGDOM	MECHENG 370	15.00
Nanotechnology 5	Nanotechnology 5	University of Edinburgh	UNITED KINGDOM	CHEMMAT PART 3 ELECTIVE	15.00
Hydrocarbons	Hydrocarbons	University of Edinburgh	UNITED KINGDOM	CHEMMAT PART 3 ELECTIVE	15.00
CIVE 09017	Behaviour & Design of Structures	University of Edinburgh	UNITED KINGDOM	CIVIL 312	15.00
CIVE 08010	Structural Mechanics	University of Edinburgh	UNITED KINGDOM	CIVIL 312	15.00
CIVE 10004	Foundation Engineering 4	University of Edinburgh	UNITED KINGDOM	CIVIL 322	15.00
CIVE 09014	Fluid Mechanics 3	University of Edinburgh	UNITED KINGDOM	CIVIL 331	15.00
CIVE 09018	Infrastructure management & sustainability 3	University of Edinburgh	UNITED KINGDOM	ENGGEN 303 + CIVIL 360	15.00
MATH 10073 + 10060	Linear programming + numerical ordinary differentiation	University of Edinburgh	UNITED KINGDOM	ENGSCI 311	15.00
CIVE 08011	Water Resources 2	University of Edinburgh	UNITED KINGDOM	ENVENG 333	10.00
CHEE 09010	Chemical Engineering Kinetics Catalysis	University of Edinburgh	UNITED KINGDOM	CHEMMAT 315	15.00
BEM2007	Operations Management	University of Exeter	UNITED KINGDOM	ENGGEN204	15.00
ECM2114	Solid Mechanics	University of Exeter	UNITED KINGDOM	CIVIL211	10.00
ECM3155	Structural Engineering	University of Exeter	UNITED KINGDOM	CIVIL250	10.00
ECM3157	Geotechnics 2	University of Exeter	UNITED KINGDOM	CIVIL221	10.00
ECM3158	Water Resources and Pollution Control	University of Exeter	UNITED KINGDOM	CIVIL244	15.00
9EEW	Materials and Manufacture	University of Glasgow	UNITED KINGDOM	MECHENG 352	15.00

9EKW	Mathematical Modelling and Simulation	University of Glasgow	UNITED KINGDOM	ENGSCI 311	15.00
9FFW	Mechanics of Materials and Structures	University of Glasgow	UNITED KINGDOM	MECHENG 325	15.00
ENG 1026	Engineering skills 1	University of Glasgow	UNITED KINGDOM	ENGGEN 204	15.00
ENG 1061	Civil Engineering 1	University of Glasgow	UNITED KINGDOM	CIVIL 250	10.00
ENG 2047	Soil Mechanics 2	University of Glasgow	UNITED KINGDOM	CIVIL 221	10.00
ENG 2048	Structural Design 2	University of Glasgow	UNITED KINGDOM	CIVIL 221	10.00
ENG 2078	Environmental processes 2	University of Glasgow	UNITED KINGDOM	ENVENG 244	15.00
ENG 3027	Engineering Career Skills III	University of Glasgow	UNITED KINGDOM	ENGGEN 204	15.00
KRLW	Thermodynamics of Engines M3	University of Glasgow	UNITED KINGDOM	MECHENG 311	15.00
BMAN10632	Fundamentals of Management Accounting	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
BMAN30982	Managing projects	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
CHEN10031	Transport Phenomena	University of Manchester	UNITED KINGDOM	CHEMMAT 213	15.00
CHEN10041	Chemical Engineering Design 1	University of Manchester	UNITED KINGDOM	CHEMMAT 232	15.00
CHEN20002	Laboratory Projects 2	University of Manchester	UNITED KINGDOM	CHEMMAT 331	15.00
CHEN20005	Chemical Reaction Engineering	University of Manchester	UNITED KINGDOM	CHEMMAT 315	15.00
CHEN20011 + CHEN20013	NA	University of Manchester	UNITED KINGDOM	CHEMMAT 464	15.00
CHEN20012 + CHEN30003	NA	University of Manchester	UNITED KINGDOM	CHEMMAT PART 3	15.00
CHEN20111	Momentum, Heat & Mass Transfer	University of Manchester	UNITED KINGDOM	CHEMMAT 212	15.00
CHEN30102	Mathematical Methods 3	University of Manchester	UNITED KINGDOM	ENGSCI 314	15.00
COMP 31212	Concurrency and Process Algebra	University of Manchester	UNITED KINGDOM	COMPSYS 302	15.00

COMP 32212	Implementing System-on-Chip	University of Manchester	UNITED KINGDOM	COMPSYS 305	15.00
COMP 33812	Software Evolution	University of Manchester	UNITED KINGDOM	COMPSYS 302	15.00
COMP20072 + COMP20252	NA	University of Manchester	UNITED KINGDOM	SOFTENG 350	15.00
COMP20312 + COMP30142	NA	University of Manchester	UNITED KINGDOM	SOFTENG 351	15.00
EEEN20024	Data Networking	University of Manchester	UNITED KINGDOM	SOFTENG 364	15.00
EEEN20030	Control Systems 1	University of Manchester	UNITED KINGDOM	MECHENG 322	15.00
EEEN30043	Sensors + Actuators	University of Manchester	UNITED KINGDOM	MECHENG 312	15.00
EEEN30072	Robotics and Actuators	University of Manchester	UNITED KINGDOM	MECHENG 312	15.00
EEEN30075	Mixed Design Signal	University of Manchester	UNITED KINGDOM	MECHENG 370	15.00
MACE 12112	Management	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
MATH 20142	Complex Analysis	University of Manchester	UNITED KINGDOM	ENGSCI 313	15.00
MATH20502	Fluid Mechanics	University of Manchester	UNITED KINGDOM	ENGSCI 343	15.00
MATH20802	Statistical Methods	University of Manchester	UNITED KINGDOM	ENGSCI 314	15.00
MATH35602	Mathematical Biology	University of Manchester	UNITED KINGDOM	ELECTIVES	15.00
MATS30972	Nanomaterials	University of Manchester	UNITED KINGDOM	ELECTIVES	15.00
MCEL20011	Sustainable development for electronic and electrical engineers	University of Manchester	UNITED KINGDOM	ENGGEN 204	15.00
MCEL30002	Tools & Techniques for Enterprise	University of Manchester	UNITED KINGDOM	ENGGEN 303	15.00
F325MS + G12COF	Fourier Techniques + Complex Functions	University of Nottingham	UNITED KINGDOM	ENGSCI 313	15.00
H21EC1	Engineering Communication	University of Nottingham	UNITED KINGDOM	ENGGEN 204	15.00
H23S07	Steel Structures	University of Nottingham	UNITED KINGDOM	CIVIL 313	15.00

H23GGE	Foundations and Earthworks	University of Nottingham	UNITED KINGDOM	CIVIL 324	10.00
H62EDP	Electrical Engineering Design	University of Nottingham	UNITED KINGDOM	ELECTENG 310	15.00
H62ELD	Electronic Engineering	University of Nottingham	UNITED KINGDOM	MECHENG 370	15.00
H63BPE	Business Planning for Engineers	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
H63EDR	Energy conversion for motor & generator drive	University of Nottingham	UNITED KINGDOM	MECHENG 312	15.00
H63FWA	Field Waves and Antennas	University of Nottingham	UNITED KINGDOM	ELECTENG 307	15.00
HG2MPS	Probabilistic and Statistical Techniques for Engineers	University of Nottingham	UNITED KINGDOM	ENGSCI 314	15.00
HG3BPE	Business Planning for Engineers	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
HG3BPE	Business Planning for Engineers	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
HG4MPD	Mathematical Techniques in Partial Differential Equations for Engineers	University of Nottingham	UNITED KINGDOM	ENGSCI 314	15.00
MM2DFM	Design for Manufacture	University of Nottingham	UNITED KINGDOM	MECHENG 334	15.00
MM2MNB	Management Studies B	University of Nottingham	UNITED KINGDOM	ENGGEN 303	15.00
MM2MS3	Mechanics of Solids 3	University of Nottingham	UNITED KINGDOM	MECHENG 340	15.00
MM3 SAT	Stress Analysis Techniques	University of Nottingham	UNITED KINGDOM	MECHENG 334	15.00
MM3BIO	Biomechanics	University of Nottingham	UNITED KINGDOM	ELECTIVES	15.00
MM3CAI	Control and instrumentation	University of Nottingham	UNITED KINGDOM	MECHENG 332	15.00
MM3CAI	Control and instrumentation	University of Nottingham	UNITED KINGDOM	MECHENG 322	15.00
MM3FRC	Fibre Reinforced Composites Engineering	University of Nottingham	UNITED KINGDOM	ELECTIVES	15.00
MM3SAT	Stress Analysis Techniques	University of Nottingham	UNITED KINGDOM	ENGSCI 343	15.00

United States

Code	Other Course Name	Other University	Country	UoA Course Code	UOA Pts
ECE304	Design Electronic	Arizona State University	UNITED STATES	ELECTENG 311	15.00
ECE320	Circuit Theory	Arizona State University	UNITED STATES	ELECTENG PART 3	15.00
ECE340	Eng System Anal.	Arizona State University	UNITED STATES	ELECTENG 303	15.00
ECE351A	Electronic Circuit	Arizona State University	UNITED STATES	ELECTENG 305	15.00
CE313	Hydraulic Engineering	Oregon State University	UNITED STATES	CIVIL 331	10.00
CE373	Geotechnical Engineering	Oregon State University	UNITED STATES	CIVIL 322	10.00
CE392	Highway Engineering	Oregon State University	UNITED STATES	CIVIL 360	10.00
CE412	Engineering Hydrology	Oregon State University	UNITED STATES	ENVENG 333	10.00
CEM383	Structures II	Oregon State University	UNITED STATES	CIVIL 312	15.00
ENVE421	Wastewater Characterization	Oregon State University	UNITED STATES	ENVENG 341	15.00
FE315	Soil Engineering	Oregon State University	UNITED STATES	CIVIL 324	10.00
IE471	Project Management	Oregon State University	UNITED STATES	ENGGEN 303	15.00
ME460	Intern Fluid Mechanics	Oregon State University	UNITED STATES	CIVIL 332	10.00
CE 310	Entrepreneurial Leadership	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
CE 321	Highway Engineering	Pennsylvania State University	UNITED STATES	CIVIL 360	10.00
CE 332	Professionalism, Economics & Construction Project Delivery	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
CE 335	Engineering Mechanics of Soil	Pennsylvania State University	UNITED STATES	CIVIL 220	10.00
CE 335	Engineering Mechanics of Soils	Pennsylvania State University	UNITED STATES	CIVIL 322	10.00

CE 335	Engineering Mechanics of soils 3	Pennsylvania State University	UNITED STATES	CIVIL 221	10.00
CE 336	Materials Science for Civil Engineers	Pennsylvania State University	UNITED STATES	CIVIL 250	10.00
CE 340	Structural Analysis	Pennsylvania State University	UNITED STATES	CIVIL 312	15.00
CE 341	Design of Concrete Structures	Pennsylvania State University	UNITED STATES	CIVIL 313	15.00
CE 342	Design of Steen Structures	Pennsylvania State University	UNITED STATES	CIVIL 314	15.00
CE 360	Fluid Mechanics	Pennsylvania State University	UNITED STATES	CIVIL 332	10.00
CE 360	Fluid Mechanics	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE 365	Mechanics of soils	Pennsylvania State University	UNITED STATES	CIVIL 221	10.00
CE 370	Introduction to Environmental Engineering	Pennsylvania State University	UNITED STATES	ENVENG 244	15.00
CE 371	Waste and Wastewater	Pennsylvania State University	UNITED STATES	ENV ENG 342	15.00
CE 422	Transportation Planning	Pennsylvania State University	UNITED STATES	CIVIL 361	15.00
CE 423	Traffic Operations	Pennsylvania State University	UNITED STATES	CIVIL 361	15.00
CE 435	Foundation Engineering	Pennsylvania State University	UNITED STATES	CIVIL 322	10.00
CE 461	Water Resources Engineering	Pennsylvania State University	UNITED STATES	ENVENG 333	15.00
CE 462	Open Channel Hydraulics	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE321	Highway Engineering	Pennsylvania State University	UNITED STATES	CIVIL 360	10.00
CE332	Professionalism, Economics & Construction Project Delivery	Pennsylvania State University	UNITED STATES	ENGGEN303	15.00
CE335	Engineering Mechanics of Soils	Pennsylvania State University	UNITED STATES	CIVIL322	10.00
CE 340	Structural Analysis	Pennsylvania State University	UNITED STATES	CIVIL312	15.00
CE360	Fluid Mechanics	Pennsylvania State University	UNITED STATES	CIVIL331	10.00

CE361	Water Resources Engineering	Pennsylvania State University	UNITED STATES	ENVENG 333	10.00
CE370	Environmental Engineering	Pennsylvania State University	UNITED STATES	ENVENG 244	15.00
CE371	Water and Wastework Treatment	Pennsylvania State University	UNITED STATES	ENVENG 342	15.00
CE421W	Transportation Design	Pennsylvania State University	UNITED STATES	CIVIL 460	15.00
CE423	Traffic Operations	Pennsylvania State University	UNITED STATES	CIVIL 361	10.00
CE432	Construction Project management	Pennsylvania State University	UNITED STATES	CIVIL 704	15.00
CE435	Foundation Engineering	Pennsylvania State University	UNITED STATES	CIVIL 322	10.00
CE435	Foundation Engineering	Pennsylvania State University	UNITED STATES	CIVIL 421	15.00
CE448W	Advanced Structural Design	Pennsylvania State University	UNITED STATES	CIVIL 411	15.00
CE461	Water Resource Engineering	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE462	Hydraulics	Pennsylvania State University	UNITED STATES	CIVIL 331	10.00
CE462	Open Channel Hydraulics	Pennsylvania State University	UNITED STATES	CIVIL 332	10.00
CE475	Water Chemistry	Pennsylvania State University	UNITED STATES	ENVENG 341	15.00
CE531	Legal Aspects of Engineering and Construction	Pennsylvania State University	UNITED STATES	ENGGEN 403	15.00
CE533	Construction activity	Pennsylvania State University	UNITED STATES	CIVIL 490	15.00
CE544	Design of Reinforced Concrete Structures	Pennsylvania State University	UNITED STATES	CIVIL 715	15.00
CMPEN 362	Communication Networks	Pennsylvania State University	UNITED STATES	SOFTENG 364	15.00
CMPSC 211	Object Oriented Programming with Web Based Applications	Pennsylvania State University	UNITED STATES	COMPSYS 302	15.00
CMPSC 221	OOP with web based applications	Pennsylvania State University	UNITED STATES	COMPSYS 302	15.00
CMPSC 431 W	Database Management Systems	Pennsylvania State University	UNITED STATES	SOFTENG 351	15.00

CMPS 473	Operating systems design & construction	Pennsylvania State University	UNITED STATES	SOFTENG 370	15.00
EE 310	Electronic Circuit Design I	Pennsylvania State University	UNITED STATES	ELECTENG 310	15.00
EE 330	Engineering Electromagnetics	Pennsylvania State University	UNITED STATES	ELECTENG 307	15.00
EE 330	Engineering Electromagnetics	Pennsylvania State University	UNITED STATES	ELECTENG 307	15.00
EE 350	Continuous-Time Linear Systems	Pennsylvania State University	UNITED STATES	ELECTENG 303	15.00
EE 387	Energy Conversion	Pennsylvania State University	UNITED STATES	ELECTENG 309	15.00
EE 417/CMPE 417	Digital Design Using Field Programmable Devices	Pennsylvania State University	UNITED STATES	COMPSYS 305	15.00
EMCH 212	Dynamics	Pennsylvania State University	UNITED STATES	MECHENG 222	15.00
EMCH 315	Mechanical Response of Engineering Materials	Pennsylvania State University	UNITED STATES	MECHENG 340	15.00
EMCH 315 + MATSE 259	Mechanical Response of Engineering Materials / Properties & Processing of Engineering Materials	Pennsylvania State University	UNITED STATES	MECHENG 340	15.00
EMCH 315 + MATSE 259	Mechanical Response + Properties	Pennsylvania State University	UNITED STATES	MECHENG 340	15.00
ENGL 202C	Effective Writing - Technical Writing	Pennsylvania State University	UNITED STATES	ENGGEN 204	15.00
ENGR 411	Entrepreneurial Business Basics	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
ENGR 425	New Venture Creation	Pennsylvania State University	UNITED STATES	ENGGEN 303	15.00
ENGR411	Entrepreneurial Business Basics	Pennsylvania State University	UNITED STATES	ENGGEN303	15.00
IE 312	Product Design and Manufacturing Processes	Pennsylvania State University	UNITED STATES	MECHENG 236	15.00
IE 322	Probabilistic Models in Industrial Engineering	Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
IE 470	Manufacturing System Design and Analysis	Pennsylvania State University	UNITED STATES	MECHENG 352	15.00
MATH 251	Ordinary & Partial Differential Equations	Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
MATH 406	Advanced Calculus for Engineers / Scientists II	Pennsylvania State University	UNITED STATES	ELECTENG 313	15.00

MATH 406	Advanced Calculus for Engineers & Scientists II	Pennsylvania State University	UNITED STATES	ENGSCI 313	15.00
MATH 415 / MATH 411		Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
MATSE259	Properties and Processing of Engineering Materials	Pennsylvania State University	UNITED STATES	MECHENG340	15.00
ME 201	Introduction to Thermal Science	Pennsylvania State University	UNITED STATES	MECHENG 211	15.00
ME 300	Engineering Thermodynamics	Pennsylvania State University	UNITED STATES	MECHENG 311	15.00
ME 320	Fluid Flow	Pennsylvania State University	UNITED STATES	MECHENG 325	15.00
ME 345 + ME 335	Instrumentation + Dynamic Systems	Pennsylvania State University	UNITED STATES	MECHENG 322	15.00
ME 355	Dynamic System Laboratory	Pennsylvania State University	UNITED STATES	MECHENG 322	15.00
ME 360	Mechanical Design	Pennsylvania State University	UNITED STATES	MECHENG 334	15.00
ME 370	Vibration of Mechanical Systems	Pennsylvania State University	UNITED STATES	MECHENG 325	15.00
ME 410	Heat Transfer	Pennsylvania State University	UNITED STATES	MECHENG 311	15.00
ME 450	Modelling of Dynamic Systems	Pennsylvania State University	UNITED STATES	MECHENG 322	15.00
ME355	Dynamic Systems Laboratory	Pennsylvania State University	UNITED STATES	MECHENG322	15.00
ME360	Mechanical Engineering	Pennsylvania State University	UNITED STATES	MECHENG334	15.00
ME450	Modelling of Dynamic Systems	Pennsylvania State University	UNITED STATES	MECHENG322	15.00
MECENG 110	Intro to product Development	Pennsylvania State University	UNITED STATES	MECHENG 236	15.00
STAT 319	Applied Statistics in Science	Pennsylvania State University	UNITED STATES	ENGSCI 311	15.00
SWENG 311	Object-Oriented Software Design & Construction	Pennsylvania State University	UNITED STATES	COMPSYS 302	15.00
CHEM110A	Thermodynamics	Univeristy of California Los Angeles	UNITED STATES	CHEMMAT212	15.00
ENGR110	Introduction to Technology Management	Univeristy of California Los Angeles	UNITED STATES	ENGGEN204	15.00

MECH&AE101	Statistics and Strength of Materials	Univeristy of California Los Angeles	UNITED STATES	CHEMMAT232	15.00
MECH&AE103	Elementary Fluid Mechanics	Univeristy of California Los Angeles	UNITED STATES	CHEMMAT213	15.00
BIO 113	Bioinstrumentation	University of California	UNITED STATES	BIOMENG 241	15.00
BIO 161	Human Physiology	University of California	UNITED STATES	MEDSCI 142	15.00
BIO164	Human Anatomy	University of California	UNITED STATES	MEDSCI 142	15.00
BIOE 114	Tissue Engineering Design	University of California	UNITED STATES	BIOMENG 261	15.00
BIOE 140	Biomolecular Engineering	University of California	UNITED STATES	BIOMENG 261	15.00
CHE 350		University of California	UNITED STATES	CHEMMAT 312	15.00
CHE 470		University of California	UNITED STATES	CHEMMAT 331	15.00
CHEM 108A		University of California	UNITED STATES	CHEMMAT 331	15.00
CHENGR 102A		University of California	UNITED STATES	CHEMMAT 312	15.00
CHENGR 102B		University of California	UNITED STATES	CHEMMAT 312	15.00
CHENGR 103		University of California	UNITED STATES	CHEMMAT 331	15.00
CHENGR 107		University of California	UNITED STATES	CHEMMAT 331	15.00
CHENGR C119		University of California	UNITED STATES	CHEMMAT 331	15.00
ENGR 097	Engineering Service Learning	University of California	UNITED STATES	ENGGEN 204	15.00
ENGR 110		University of California	UNITED STATES	ENGGEN 303	15.00
ENGR 112		University of California	UNITED STATES	ENGGEN 303	15.00
ENGR 166	Analog and Digital Electronics	University of California	UNITED STATES	BIOMENG 241	15.00
ENGR 411		University of California	UNITED STATES	ENGGEN 303	15.00

MATSCI 104		University of California	UNITED STATES	CHEMMAT 322	15.00
MATSCI 143		University of California	UNITED STATES	CHEMMAT 322	15.00
MATSE 259		University of California	UNITED STATES	CHEMMAT 322	15.00
ME 141	Linear Controls	University of California	UNITED STATES	BIOMENG 241	15.00
BIMM 112	Regulation of gene activity in eukaryotic cells	University of California - Berkeley	UNITED STATES	BIOMENG 361	15.00
BIOENG 102	Biomechanics: Analysis and Design	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
BIOENG 104	Biological Transport Phenomena	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
BIOENG 110	Biomedical Physiology for Engineers	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
BIOENG 112	Molecular Cell Biomechanics	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
BIOENG 116	Cell and Tissue Engineering	University of California - Berkeley	UNITED STATES	BIOMENG 361	15.00
BIOENG100	Ethics in Science and Engineering	University of California - Berkeley	UNITED STATES	BIOMENG PART 3	15.00
BIOENG 101	Instrumentation in Biology and Medicine	University of California - Berkeley	UNITED STATES	BIOMENG 341	15.00
BIOENG 113	Stem Cells and Technologies	University of California - Berkeley	UNITED STATES	BIOMENG PART 3	15.00
BIOENG 143	Computational Methods in Biology	University of California - Berkeley	UNITED STATES	ENGSCI 331	15.00
BIPN 100 + 102	Mammalian Physiology 1	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
BIPN 140	Cellular neurobiology	University of California - Berkeley	UNITED STATES	ELECTIVE	15.00
C30	Introduction to Solid Mechanics	University of California - Berkeley	UNITED STATES	CIVIL 211	10.00
C302	Effective Scientific Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
CE 101	Fluid Mechanics of Rivers, Streams and Wetlands	University of California - Berkeley	UNITED STATES	CIVIL 331	10.00
CE 111	Environmental Engineering	University of California - Berkeley	UNITED STATES	ENVENG 244	15.00

CE 124	Structural Design in Timber	University of California - Berkeley	UNITED STATES	CIVIL 312	15.00
CE 155	Transport Systems Engineering	University of California - Berkeley	UNITED STATES	CIVIL 361	10.00
CE 167	Engineering Project Management	University of California - Berkeley	UNITED STATES	ENGGEN 303	15.00
CE 175	Geothermal	University of California - Berkeley	UNITED STATES	CIVIL 221	10.00
CE 177	Foundation Engineering Design	University of California - Berkeley	UNITED STATES	CIVIL 322	10.00
CE 60	Structure & properties of Civil Engineering Materials	University of California - Berkeley	UNITED STATES	CIVIL 250	10.00
CE-123	Design of Reinforced Concrete	University of California - Berkeley	UNITED STATES	CIVIL PART 3	10.00
CE-156	Infrastructure Planning and Management	University of California - Berkeley	UNITED STATES	CIVIL 361	10.00
CE-173	Groundwater and Seepage	University of California - Berkeley	UNITED STATES	ENVENG 333	10.00
CHEM 112A	Organic Chemistry	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3	15.00
CHEM 120A	Physical Chemistry	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3	15.00
CHEMC178	Polymer Science and Technology	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3	15.00
CHEME170	Biochem Eng	University of California - Berkeley	UNITED STATES	CHEMMAT 464	15.00
CHEMENG 141	Chemical Engineering Thermodynamics	University of California - Berkeley	UNITED STATES	CHEMMAT 212	15.00
CHEMENG 150A	Transport Processes	University of California - Berkeley	UNITED STATES	CHEMMAT 213	15.00
CHEMENG 160	Chemical Process Design	University of California - Berkeley	UNITED STATES	CHEMMAT 232	15.00
CHM ENG 142	Chemical Kinetics + Reaction Engineering	University of California - Berkeley	UNITED STATES	CHEMMAT 315	15.00
CHM ENG 150B	Transport & Separation Processes	University of California - Berkeley	UNITED STATES	CHEMMAT 312	15.00
CHM ENG 160	Chemical Process Design	University of California - Berkeley	UNITED STATES	CHEMMAT 331	15.00
CHM ENG 176	Principles of Electrochemical Processes	University of California - Berkeley	UNITED STATES	PART 3 ELECTIVE	15.00

CHM ENG 179		University of California - Berkeley	UNITED STATES	PART 3 ELECTIVE	15.00
CHM ENG H194	Research for undergraduates	University of California - Berkeley	UNITED STATES	PART 3 ELECTIVE	15.00
CHMENG162	Dynamics and Control of Chemistry Product	University of California - Berkeley	UNITED STATES	CHEMMAT 412	15.00
CIV ENG 105	Applied Environmental Fluid Mechanics	University of California - Berkeley	UNITED STATES	CIVL 332	10.00
CIV ENG 153	Transportation Facility Design	University of California - Berkeley	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
CIV ENG 167	Engineering Project Management	University of California - Berkeley	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
CIV ENG 173	Groundwater and Seepage	University of California - Berkeley	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
CIV ENG 175	Geotechnical and Geoenvironmental Engineering	University of California - Berkeley	UNITED STATES	CIVL 324	10.00
CIVENG 167	Engineering Project Management	University of California - Berkeley	UNITED STATES	ENGGEN 303	15.00
CIVENG100	Elementary Fluid Mechanics	University of California - Berkeley	UNITED STATES	CIVIL 331	10.00
CIVENG101	Fluid Mechanics of Rivers, Streams, and Wetlands	University of California - Berkeley	UNITED STATES	CIVIL 332	10.00
CIVENG103	Introduction to Hydrology	University of California - Berkeley	UNITED STATES	ENVENG 333	10.00
CIVENG111	Environmental Engineering	University of California - Berkeley	UNITED STATES	ENVENG 342	15.00
CIVENG112	Environmental Engineering Design	University of California - Berkeley	UNITED STATES	ENVENG 342	15.00
CIVENG121	Advanced Structural Analysis	University of California - Berkeley	UNITED STATES	CIVIL 313	15.00
CIVENG122	Design of Steel Structures	University of California - Berkeley	UNITED STATES	CIVIL 313	15.00
CIVENG123	Design of Structures	University of California - Berkeley	UNITED STATES	CIVIL 312	15.00
CIVENG153	Transportation Facility Design	University of California - Berkeley	UNITED STATES	CIVIL 360	10.00
CIVENG155	Transportation System	University of California - Berkeley	UNITED STATES	CIVIL 361	10.00
CIVENG167	Engineering Project Management	University of California - Berkeley	UNITED STATES	CIVIL 704	15.00

CIVENG175	Geotechnical and Geoenvironmental Engineering	University of California - Berkeley	UNITED STATES	CIVIL 324	10.00
CIVENG193	Engineering Risk Analysis	University of California - Berkeley	UNITED STATES	ENVENG 752	15.00
CIVENG225	Dynamics of Structures	University of California - Berkeley	UNITED STATES	CIVIL 314	10.00
CIVENG277	Advanced Foundation Engineering	University of California - Berkeley	UNITED STATES	CIVIL 322	10.00
CIVENG93 + MATH121b		University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
COGS 115	Neurological Development & Cognitive change	University of California - Berkeley	UNITED STATES	ELECTIVE	15.00
COMPSCI 184	Foundation of computer graphics	University of California - Berkeley	UNITED STATES	ENGSCI 263	15.00
COMPSCI 61AS	Structure and Interpretation of Computer Programs	University of California - Berkeley	UNITED STATES	MECHENG 270	15.00
COMPSCI150	Components and Design Techniques for Digital Systems	University of California - Berkeley	UNITED STATES	MECHENG 371	15.00
ELENG 105	Microelectric Devices and Circuits	University of California - Berkeley	UNITED STATES	MECHENG 320	15.00
ENG IN 45	Properties of Materials	University of California - Berkeley	UNITED STATES	CHEMMAT 121	15.00
ENGIN 10	Engineering Design and Analysis	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
ENGIN 117	Methods of Engineering analysis	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
ENGIN 120	Principles of Engineering Economics	University of California - Berkeley	UNITED STATES	ENGGEN 303	15.00
ENGIN 125	Ethics, Engineering and Society	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
ENGIN 157AC	Engineering, the Environment, and Society	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
ENGIN117	Methods of Engineering Analysis	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
ENGINEERING 15	Design Methodology	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
IND ENG 162	Linear Programming	University of California - Berkeley	UNITED STATES	ENGSCI 391	15.00
INDENG140	Introduction to Mobile Industrial Robots	University of California - Berkeley	UNITED STATES	COMPSYS 406	15.00

INTEGBI 132	Survey of Human Physiology	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
INTEGBI 132+INTEGBI 132L	Survey of Human Physiology	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
INTEGBI 132L	Mammalian Physiology Laboratory	University of California - Berkeley	UNITED STATES	MEDSCI 205	15.00
MAT SCI 123	Semiconductor Processing	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3 ELECTIVE	15.00
MATH 110	Linear Algebra	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 121B	Mathematical tools for physical sciences	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 123		University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 125A	Numerical Analysis	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 126	Intro to Partial Differential Equations	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 170	Math Methods for optimisation	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 224A	Mathematical Methods for the Physical Sciences	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 514	Linear Algebra	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATH 54	Linear algebra and differential e.	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATH 55	Discrete Mathematics	University of California - Berkeley	UNITED STATES	ENGSCI 311	15.00
MATHS121B		University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
MATHS228B		University of California - Berkeley	UNITED STATES	ENGSCI 331	15.00
MATSCI130	Experimental Material Science and Design	University of California - Berkeley	UNITED STATES	CHEMMAT PART 4	15.00
ME 104	Engineering Mechanics 2	University of California - Berkeley	UNITED STATES	MECHENG 222	15.00
ME 106	Fluid Mechanics	University of California - Berkeley	UNITED STATES	MECHENG 211	15.00
ME 170	Engineering Mechanics 3	University of California - Berkeley	UNITED STATES	MECHENG 222	15.00

ME 191K	Professional Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
ME 40	Thermodynamics	University of California - Berkeley	UNITED STATES	MECHENG 211	15.00
MEC ENG 118	Intro to Nanotechnology	University of California - Berkeley	UNITED STATES	CHEMMAT PART 3 ELECTIVE	15.00
MEC ENG 191K	Professional Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
MEC ENG 191K	Professional Communication	University of California - Berkeley	UNITED STATES	ENGGEN 204	15.00
MEC ENG 40	Thermo Dynamics	University of California - Berkeley	UNITED STATES	MECHENG 211	15.00
MECENG 102B	Mechatronics Design	University of California - Berkeley	UNITED STATES	MECHENG 312	15.00
MECENG 108	Mechanical Behaviour of Engineering Materials	University of California - Berkeley	UNITED STATES	MECHENG 340	15.00
MECENG 120	Computational Biomechanics	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
MECENG 128	Computer-aided Mechanical Design	University of California - Berkeley	UNITED STATES	MECHENG 334	15.00
MECENG 132	Dynamics Systems and Feedback	University of California - Berkeley	UNITED STATES	MECHENG 322	15.00
MECENG185	Introduction to Continuum Mechanics	University of California - Berkeley	UNITED STATES	ENGSCI 343	15.00
MECHENG 104	Engineering Mechanics II	University of California - Berkeley	UNITED STATES	MECHENG 222	15.00
MECHENG 120	Computational Biomechanics	University of California - Berkeley	UNITED STATES	BIOMENG 321	15.00
MECHENG 190A	Rapid Prototyping of Mechanical Systems	University of California - Berkeley	UNITED STATES	MECHENG 334	15.00
MECHENG104	Engineering Mechanics II	University of California - Berkeley	UNITED STATES	MECHENG 325	15.00
MECHENG122	Processing Materials Manufacturing	University of California - Berkeley	UNITED STATES	MECHENG 352	15.00
MECHENG175	Intermediate Dynamics	University of California - Berkeley	UNITED STATES	MECHENG 325	15.00
MECHENG232	advanced Control Systems	University of California - Berkeley	UNITED STATES	MECHENG 423	15.00
NANO 100	Introduction to Nano Engineering	University of California - Berkeley	UNITED STATES	ELECTIVE	15.00

NANO 150	Mechanics of nanomaterials	University of California - Berkeley	UNITED STATES	ELECTIVE	15.00
STAT 134	Concepts of Profitability	University of California - Berkeley	UNITED STATES	STATS 210	15.00
STAT 135	Concepts of Statistics	University of California - Berkeley	UNITED STATES	ENGSCI 314	15.00
STAT 150	Stochastic Processes	University of California - Berkeley	UNITED STATES	STATS 325	15.00
UGBA 10	Principles of Business	University of California - Berkeley	UNITED STATES	ENGGEN 303	15.00
CMN 3	Interpersonal Communication Competence	University of California - Davis	UNITED STATES	ENGGEN 204	15.00
EBS165	Bioinstrumentation and control	University of California - Davis	UNITED STATES	BIOMENG 341	15.00
ECI 123	Urban System Sustainability	University of California - Davis	UNITED STATES	CIVIL PART 4	15.00
ECI 142	Engineering Hydrology	University of California - Davis	UNITED STATES	ENVENG 333	10.00
ECI 143	Green Engineering Design and Sustainability	University of California - Davis	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
ECI 144 & 144L	Groundwater Systems Design & Groundwater Systems Design Laboratory	University of California - Davis	UNITED STATES	CIVIL PART 3 UNSPECIFIED	10.00
ECI 171 & 171L	Soil Mechanics & Soil Mechanics Design Laboratory	University of California - Davis	UNITED STATES	CIVIL 324	10.00
ECI 130	Structural Analysis	University of California - Davis	UNITED STATES	CIVIL 312	15.00
ECI 141	Engineering Hydraulics	University of California - Davis	UNITED STATES	CIVIL 331	10.00
ECI 162	Transportation Land Use Sustainable Design	University of California - Davis	UNITED STATES	CIVIL 360	10.00
ECI 171	Soil Mechanics	University of California - Davis	UNITED STATES	CIVIL 322	10.00
ECI 173	Foundation Design	University of California - Davis	UNITED STATES	CIVIL 421	15.00
ECS 40	Intro to software	University of California - Davis	UNITED STATES	COMPSYS 202	15.00
ECS 132	Probability & Statistical Modelling for computer science	University of California - Davis	UNITED STATES	ENGSCI PART 3 ELECTIVE	15.00
EEC 100	Circuits II	University of California - Davis	UNITED STATES	MECHENG 370	15.00

EEC 110B	Electronic Circuits II	University of California - Davis	UNITED STATES	MECHENG 370	15.00
EMA 150 A	Mechanical Design	University of California - Davis	UNITED STATES	ENGSCI 263	15.00
EME 154	Mechatronics	University of California - Davis	UNITED STATES	MECHENG 312	15.00
EME 171	Analysis, Simulation & Design of Mechatronics Systems	University of California - Davis	UNITED STATES	MECHENG 322	15.00
EME 172	Automatic Control of Engineering Systems	University of California - Davis	UNITED STATES	MECHENG 322	15.00
ENG 105	Thermo Dynamics	University of California - Davis	UNITED STATES	MECHENG 211	15.00
ENG 190	Professional Responsibilities of Engineers	University of California - Davis	UNITED STATES	ENGGEN 303	15.00
ENGMEC 150A	Mechanical Design	University of California - Davis	UNITED STATES	MECHENG 340	15.00
ENGMEC 152	Computer aided Mechanic Design	University of California - Davis	UNITED STATES	MECHENG 334	15.00
ENGMEC 172 & 154	Auto control Eng.Sys.+Mech.Sys	University of California - Davis	UNITED STATES	MECHENG 322	15.00
MAT 119A	Ordinary Differential Equations	University of California - Davis	UNITED STATES	ENGSCI 314	15.00
MAT 135 A	Profitability	University of California - Davis	UNITED STATES	STATS 210	15.00
MAT 135 B	Stochastic Processes	University of California - Davis	UNITED STATES	STATS 325	15.00
MAT 167	Applied Linear Algebra	University of California - Davis	UNITED STATES	ENGSCI STAGE 3	15.00
MAT 168	Optimization	University of California - Davis	UNITED STATES	ENGSCI 391	15.00
PHY 105C	Continuum Mechanics	University of California - Davis	UNITED STATES	ENGSCI 343	15.00
BIOSCI 98 + 99	Biochemistry	University of California - Irvine	UNITED STATES	BIOMENG 361	15.00
BME 110C + BME 150	Biomechanics 3	University of California - Irvine	UNITED STATES	BIOMENG 321	15.00
BME 121	Quantitative Physiology	University of California - Irvine	UNITED STATES	MEDSCI 205	15.00
CBEMS 126	Biomedical Photonics	University of California - Irvine	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00

CBEMS 130	Separation Processes	University of California - Irvine	UNITED STATES	CHEMMAT 312	15.00
CBEMS 130	Separation Processes	University of California - Irvine	UNITED STATES	CHEMMAT 312	15.00
CBEMS 145	Chemical Engineering Design	University of California - Irvine	UNITED STATES	CHEMMAT 331	15.00
CBEMS 145/149A	Chemical Engineering	University of California - Irvine	UNITED STATES	CHEMMAT 331	15.00
CBEMS 175+ ENGRMSE 261	Resign failure Investigation + High Temp deformation of Eng materials	University of California - Irvine	UNITED STATES	CHEMMAT 322	15.00
ENGRCEE 122	Transportation Systems 2	University of California - Irvine	UNITED STATES	CIVIL 341	10.00
ENGRCEE 130	Soil Mechanics	University of California - Irvine	UNITED STATES	CIVIL 322	10.00
ENGRCEE 151C	Reinforced Concrete Design	University of California - Irvine	UNITED STATES	CIVIL 312	15.00
ENGRCSSE 110	Methods in Modelling, Economics & Management	University of California - Irvine	UNITED STATES	ENGGEN 303	15.00
ENGRCSSE 110	Methods in Modelling, Economics	University of California - Irvine	UNITED STATES	ENGGEN 303	15.00
ENGRCSSE 171	Water Resource Engineering	University of California - Irvine	UNITED STATES	CIVIL 331	10.00
Chemical Engineering 101 C	Mass Transfer	University of California - Los Angeles	UNITED STATES	CHEMMAT 312	15.00
Chemical Engineering 106	Chemical Reaction Engineering	University of California - Los Angeles	UNITED STATES	CHEMMAT 315	15.00
Chemical Engineering 107	Process Dynamics and Control	University of California - Los Angeles	UNITED STATES	CHEMMAT 412	15.00
Chemical Engineering 108 B	Chemical Process Computer-Aided Design and Analysis	University of California - Los Angeles	UNITED STATES	CHEMMAT 331	15.00
Civil and Environmental Engineering 120	Principles of Soil Mechanics	University of California - Los Angeles	UNITED STATES	CIVIL 324	10.00
Civil and Environmental Engineering 121	Design of Foundations and Earth Structures	University of California - Los Angeles	UNITED STATES	CIVIL 322	10.00
Civil and Environmental Engineering 125	Fundamentals of Earthquake Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 314	10.00
Civil and Environmental Engineering 128L	Soil Mechanics Laboratory	University of California - Los Angeles	UNITED STATES	CIVIL 325	10.00
Civil and Environmental Engineering 130	Elementary structural mechanics	University of California - Los Angeles	UNITED STATES	CIVIL 211	10.00

Civil and Environmental Engineering 135 A	Elementary structural analysis	University of California - Los Angeles	UNITED STATES	CIVIL 211	10.00
Civil and Environmental Engineering 135 B	Intermediate Structural Analysis	University of California - Los Angeles	UNITED STATES	CIVIL 312	15.00
Civil and Environmental Engineering 141	Steel Structure	University of California - Los Angeles	UNITED STATES	CIVIL 313	15.00
Civil and Environmental Engineering 142	Design of Reinforced concrete structures	University of California - Los Angeles	UNITED STATES	CIVIL 250	10.00
Civil and Environmental Engineering 150	Introduction to Hydrology	University of California - Los Angeles	UNITED STATES	ENVENG 333	10.00
Civil and Environmental Engineering 151	Introduction to Water Resources Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 312	10.00
Civil and Environmental Engineering 151	Introduction to Water Resources Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 331	10.00
Civil and Environmental Engineering 153	Introduction to Environmental Engineering Science	University of California - Los Angeles	UNITED STATES	ENVENG 244	15.00
Civil and Environmental Engineering 157A	Hydrologic Modelling	University of California - Los Angeles	UNITED STATES	ENVENG 333	10.00
Civil and Environmental Engineering 157A	Hydrologic Modelling	University of California - Los Angeles	UNITED STATES	CIVIL 331	10.00
Civil and Environmental Engineering 180	Introduction to Transportation Engineering	University of California - Los Angeles	UNITED STATES	CIVIL 360	10.00
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Electronic Engineering 115A	Analog Electronic Circuits I	University of California - Los Angeles	UNITED STATES	ELECTENG 305	15.00
Electrical Engineering 141	Principles of Feedback Control	University of California - Los Angeles	UNITED STATES	ELECTENG 303	15.00
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Engineering 183EW	Engineering in Society	University of California - Los Angeles	UNITED STATES	ENGGEN PART 4	15.00
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Mathematics 136	Partial Differential Equations	University of California - Los Angeles	UNITED STATES	ENGSCI 314	15.00
Mathematics 164	Optimization	University of California - Los Angeles	UNITED STATES	ENGSCI 391	15.00
Mathematics 170 A	Probability theory	University of California - Los Angeles	UNITED STATES	STATS 210	15.00
Mathematics 171	Stochastic Processes	University of California - Los Angeles	UNITED STATES	STATS 325	15.00
BENG 112A	Biomechanics I	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
BENG 112B	Biomechanics II	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
BENG112A + BENG112B	Biomechanics	University of California - San Diego	UNITED STATES	ENGSCI 343	15.00
BENG 122A	Biosystems and Control	University of California - San Diego	UNITED STATES	BIOMENG 241	15.00
BENG 123	Systems Biology	University of California - San Diego	UNITED STATES	BIOMENG 261	15.00
BENG 140A	Bioengineering Physiology	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BENG 140A	Bioengineering Physiology	University of California - San Diego	UNITED STATES	MEDSCI 142	15.00
BENG 140B	Bioengineering Physiology	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BENG 160	Chemical & Molecular Bioengineering Techniques	University of California - San Diego	UNITED STATES	BIOMENG 361	15.00
BENG 162	Biotechnology Laboratory	University of California - San Diego	UNITED STATES	BIOMENG 261	15.00
BENG 172	Bioengineering Laboratory	University of California - San Diego	UNITED STATES	MEDSCI 205 (Lab)	15.00

BENG 186B	Principles of Bioinstrumentation	University of California - San Diego	UNITED STATES	BIOMENG 241	15.00
BENG 166A	Cell and Tissue Engineering	University of California - San Diego	UNITED STATES	BIOMENG 321	15.00
BIMM 110	Molecular Basis of Human Diseases	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
BIMM 112	Regulation of Gene Activity in Eukaryotic Cells	University of California - San Diego	UNITED STATES	BIOMENG 361	15.00
BIMM 116	Biological Clocks	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
BIMM 134	Biology for Cancer	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
BIPN 100	Mammalian Physiology I	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BIPN 102	Mammalian Physiology II	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BIPN 102	Human Physiology 2	University of California - San Diego	UNITED STATES	MEDSCI 142	15.00
BIPN 105	Animal Physiology Lab	University of California - San Diego	UNITED STATES	MEDSCI 205	15.00
BIPN 140	Cellular Neurobiology	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
COGS 101C	Language	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
COGS 115	Neurological Development and Cognitive Change	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
CSE 100	Advanced Data Structures	University of California - San Diego	UNITED STATES	ENGSCI 331	15.00
ECE 111	Advanced Dig. Design	University of California - San Diego	UNITED STATES	ELECTENG 310	15.00
ECE 107	Electromagnetic	University of California - San Diego	UNITED STATES	ELECTENG 307	15.00
ECE 171B	Linear Control System Theory	University of California - San Diego	UNITED STATES	ENGSCI 331	15.00
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MATH 110B	Elements of Partial differentiation and integral equations	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00
MATH 11L	Elementary Probability and Statistics Laboratory	University of California - San Diego	UNITED STATES	ENGSCI 314	15.00
MGT 172	Business Project Management	University of California - San Diego	UNITED STATES	ENGGEN 303	15.00
NANO 101	Introduction to Nano-engineering	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
Nano 108	Material science and Engineering	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
NANO 150	Mechanics of Nanomaterials	University of California - San Diego	UNITED STATES	BIOMENG PART 3 ELECTIVE	15.00
CMPSC 154	Computer Architecture	University of California - Santa Barbara	UNITED STATES	COMPSCI 313	15.00
CMPSC 165A	Artificial Intelligence	University of California - Santa Barbara	UNITED STATES	COMPSCI 367	15.00
CMPSC 174A	Fundamentals of Database Systems	University of California - Santa Barbara	UNITED STATES	SOFTENG 351	15.00
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ECE 137A	Circuits and electronics	University of California - Santa Barbara	UNITED STATES	ELECTENG 310	15.00
ECE 144	Electromagnetic field and Waves	University of California - Santa Barbara	UNITED STATES	ELECTENG 307	15.00
ECE 153 B + 148	Sensor & Peripheral Int. Design	University of California - Santa Barbara	UNITED STATES	MECHENG 312	15.00
ECON 106	Managerial Economics	University of California - Santa Barbara	UNITED STATES	ENGGEN 303	15.00
ECON 134 A	Financial	University of California - Santa Barbara	UNITED STATES	ENGGEN 303	15.00
GEOG 112	Environmental Hydrology	University of California - Santa Barbara	UNITED STATES	ENVENG 333	10.00
MAT 122A	Introduction to theory of complex variables	University of California - Santa Barbara	UNITED STATES	ENGSCI 313	15.00

ME 155A	Control System Design	University of California - Santa Barbara	UNITED STATES	MECHENG 322	15.00
ME 104A	Numerical Analysis ENGR	University of California - Santa Barbara	UNITED STATES	ENGSCI 311	15.00
ME 140A + PSTAT133A		University of California - Santa Barbara	UNITED STATES	ENGSCI 311	15.00
ME 152A	Fluid Mechanics	University of California - Santa Barbara	UNITED STATES	CIVIL 332	10.00
ME 154	Design and Analysis of Structures	University of California - Santa Barbara	UNITED STATES	CIVIL 313	15.00
ME 158	CAD & Manufacturing	University of California - Santa Barbara	UNITED STATES	MECHENG 334	15.00
ME 163	Engineering Mechanics: Vibrations	University of California - Santa Barbara	UNITED STATES	CIVIL 314	10.00
ME 166	Advanced Strength of Materials	University of California - Santa Barbara	UNITED STATES	MECHENG 340	15.00
ME 166	Advanced Strength of Materials	University of California - Santa Barbara	UNITED STATES	CIVIL 313	15.00
TMP 120	Business Strategy & Leadership Skills	University of California - Santa Barbara	UNITED STATES	ENGGEN 303	15.00
CE2710	Transportation Engineering	University of Connecticut	UNITED STATES	CIVIL 361	10.00
CE3120	Fluid Mechanics	University of Connecticut	UNITED STATES	CIVIL 331	10.00
CE3300	Environmental Engineering Laboratory	University of Connecticut	UNITED STATES	CIVIL PART 3	10.00
CE3320	Water Quality Engineering	University of Connecticut	UNITED STATES	CIVIL PART 3	10.00
CE3530	Engineering & Environmental Geology	University of Connecticut	UNITED STATES	CIVIL 404	15.00
CE3610	Basic Structural Analysis	University of Connecticut	UNITED STATES	CIVIL 312	15.00
CE3620	Basic Structural Design	University of Connecticut	UNITED STATES	CIVIL 313	15.00
CE4520	Soils Engineering	University of Connecticut	UNITED STATES	CIVIL 322	10.00
CHEG 3124 & CHEG 3128	Heat and Mass Transfer	University of Connecticut	UNITED STATES	CHEMMAT 312	15.00
CHEG 4143	Process Design and Economics	University of Connecticut	UNITED STATES	CHEMMAT 331	15.00

MSE 4004	Thermal/Mechanical Processing of Materials	University of Connecticut	UNITED STATES	CHEMMAT 322	15.00
MSE 4034 & MSE 4241	Corrosion and Materials Protection	University of Connecticut	UNITED STATES	CHEMMAT 322	15.00
OPIM 3801	Principles of Project Management	University of Connecticut	UNITED STATES	ENGGEN 303	15.00
COMP 32212	Implementing System-on-Chip Designs	University of Manchester	UNITED STATES	COMPSYS 395	15.00
COMP 33812 + COMP 16212	Software Evolution/Oriented Programming with Java	University of Manchester	UNITED STATES	COMPSYS 302	15.00
MACE 12112	Management 1	University of Manchester	UNITED STATES	ENGGEN 303	15.00
MATH 20142	Complex Analysis	University of Manchester	UNITED STATES	ENGSCI 313	15.00
MAE 3309	Thermal Engineering	University of Texas at Arlington	UNITED STATES	MECHENG 311	15.00
MAE 3310	Thermodynamics I	University of Texas at Arlington	UNITED STATES	MECHENG 311	15.00
MAE 3311	Thermodynamics II	University of Texas at Arlington	UNITED STATES	MECHENG 311	15.00
MAE 3318	Kinematics and Dynamics of Machines	University of Texas at Arlington	UNITED STATES	MECHENG 325	15.00
ME 3315	Aerospace Structural Statics	University of Texas at Arlington	UNITED STATES	MECHENG 340	15.00
APMA 3110	Applied Statistics & Probability	University of Virginia	UNITED STATES	ENGSCI 311	15.00
APMA 3140	Applied Partial Differential Equations	University of Virginia	UNITED STATES	ENGSCI 314	15.00
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