| Course | Title | Instructor |
|---|---|---|
| CHE501 | Chemical Engineering Thermodynamics | Giovanni Palmisano |
| CHE502 | Analysis of Transport Phenomena | Mohammad Abu Zahra |
| CHE520 | Biochemistry for Eng | Hector Hernandez |
| CHE602 | Biorefinery processes and products | Jens Schmidt/Mette Thomsen |
| CIS501 | Data Mining: Finding the Data and Models that Create Value | Wei Lee Woon |
| CIS502 | Software Engineering | Davor Svetinovic |
| CIS603 | Multi-Agent Systems | Jacob Crandall |
| CIS604 | Techniques in Artificial Intelligence | Andreas Henschel |
| CIS611 | Multimodal Data Mining | Zeyar Aung/Wei Lee Woon |
| CIS618 | Sustainability and Computing | Sid Chi-Kin Chau |
| CIS619 | Topics in Algorithmic Game Theory | Khalid Elbassioni |
| EPE504 | Power Electronics | Vinod Khadkikar |
| EPE506 | Electric Machines | Mohamed Shawki Elmoursi |
| EPE507 | Power System Operation | Amer Al Hinai |
| EPE603 | Application of Heuristic Optimization Techniques to Power Systems | Hatem Zeineldin |
| EPE606 | Power System Stability Analysis Proposed | Jimmy Peng |
| ESM501 | System Architecture | TBA |
| ESM504 | System Dynamics for Business Policy | TBA |
| ESM507 | Management and Entrepreneurship for Engineers | TBA |
| ESM510 | Applied Statistics and Research Methods for Engineering Systems | TBA |
| ESM611 | Technology Strategy | TBA |
| ESM613 | Advanced Systems Optimization | TBA |
| ESM615 | Sustainable Health | TBA |
| ESM621 | Time Series Analysis, Modeling & prediction | TBA |
| FDN411-A | Writing and Presenting Scientific Research | TBA |
| FDN411-B | Writing and Presenting Scientific Research | TBA |
| FDN411-C | Writing and Presenting Scientific Research | TBA |
| FDN412 | Applied Calculus | TBA |
| FDN413-A | Research Methodology and Critical Thinking I | TBA |
| FDN413-B | Research Methodology and Critical Thinking I | TBA |
| FDN413-C | Research Methodology and Critical Thinking I | TBA |
| FDN414 | Advanced Calculus, Probability and Statistics I | TBA |
| FDN451 | Microeconomics | TBA |
| FDN453 | Mathematics for Computer Systems | Jacob Crandall |
| FDN455 | Introduction to Power Systems | Mohamed Al Hosani |
| FDN457 | Thermal Sciences I | Mohammad Ali |
| FDN459 | Introduction to the Structure and Properties of Materials | Mahieddine Emziane |
| FDN471 | Fundamentals of Chemical Engineering | Inas Al Nashef |
| FDN473 | Microelectronic Devices and Circuits | Firas Sammoura |
| FDN475 | Photonics Technology | Anatoly Khlio |
| MEG501 | Advanced Fluid Mechanics | Isam Janajreh |
| MEG510 | Advanced Thermodynamics | Tariq Shamim |
| MEG511 | Advanced Engineering Mathematics | Rashid Abu AlRub |
| MEG513 | Solar Thermal Analysis, Design and Testing | Peter Armstrong |
| MEG521 | Rock Mechanics | Rita Sousa |
| MIC501 | Micro/Nano Processing Technology | Clara Dimas |
| MIC502 | Digital Systems Laboratory | Ibrahim ElFadel |
| MIC503 | Integrated Microelectronic Devices | Ammar Nayfeh |
| MIC610 | Analysis and Design of Digital Integrated Circuits | Jerald Yoo |

| Course | Title | Instructor |
|---|---|---|
| MIC611 | Analysis and Design of Analog Integrated Circuits | Ayman Shabra |
| MIC630 | Fundamentals of Photonics | Marcus Dahlem |
| MIC631 | Computational Electrodynamics | Jaime Viegas |
| MIC636 | Advanced micro and nanofabrication of microsystems devices | Jaime Viegas |
| MIC637 | Advanced Photonic Integrated Circuits | Mahmoud Rasras |
| MIC640 | Design and Fabrication of MEMS | Firas Sammoura |
| MSE501 | Electrochemical Processing of Materials | Raed Hashaikeh |
| MSE507 | Thermodynamics of Materials | Matteo Chiesa |
| MSE508 | Kinetics of Materials | Marco Stefancich |
| MSE511 | Photovoltaic Technologies: Materials, Devices and Systems | Mahieddine Emziane |
| MSE640 | Advances in investigation of Intermolecular & surface forces | Matteo Chiesa |
| MSE650 | High Efficiency Silicon Solar Cells: designs and technologies | Adel Gougam |
| SCI501 | Transportation Systems Analysis: Demand & Economics | TBA |
| SCI502 | Urban Design for Sustainability: Theory and Practice | TBA |
| UCC501 | Sustainable Energy | TBA |
| UCC601-A | Teaching at a University Level | Youssef Shatilla |
| UCC601-B | Teaching at a University Level | Youssef Shatilla |
| WEN501 | Chemicals in the Environment: Fate and Transport | Farrukh Ahmad |
| WEN502 | Industrial Ecology | Hassan Arafat |
| WEN504 | Desalination | Shadi Hasan |
| WEN506 | Wastewater Treatment Engineering | Jorge Rodriguez |
| WEN511 | Hydrologic Analysis | Marouane Temimi |
| WEN522 | Data Analysis for Environmental Modeling | Prashanth Marpu |
| WEN523 | Global Climate Change: Impacts and Adaptation | Annalisa Molini |
| WEN610 | Environmental Sampling and Data Analysis | Taha Ouarda |
| WEN615 | Soil investigations: chemistry and biology as matrices of soil quality | Lina Yousef |