

| Fall 2026 ECE Courses |                                                       |      |         |
|-----------------------|-------------------------------------------------------|------|---------|
| COURSE CODE           | COURSE TITLE                                          | TYPE | SECTION |
| ECE 502               | PROB & RANDOM PROC ELECT ENG                          | LEC  | A01     |
| ECE 502               | PROB & RANDOM PROC ELECT ENG                          | LEC  | A02     |
| ECE 522               | SOFTWARE CONSTR, VERIFC & EVOL                        | LEC  | A01     |
| ECE 522               | SOFTWARE CONSTR, VERIFC & EVOL                        | LAB  | D41     |
| ECE 547               | FNDMNTLS OF SOLID STATE DEVICE                        | LEC  | A01     |
| ECE 558               | MICROFAB & NANOFAB TOPICS I                           | LEC  | A01     |
| ECE 560               | MODERN CONTROL THEORY                                 | LEC  | A01     |
| ECE 561               | NONLINEAR CONTROL SYSTEMS                             | LEC  | A01     |
| ECE 562               | DEEP REINFORCEMENT LEARNING FOR ROBOTICS              | LEC  | A1      |
| ECE 577               | ANTENNA THEORY AND DESIGN                             | LEC  | A1      |
| ECE 578               | MICRO MILLIMETER-WAVE CIRCUITS                        | LEC  | A01     |
| ECE 583               | DIGITAL COMMUNICATIONS                                | LEC  | A01     |
| ECE 624               | FUZZY SETS HUMAN-CENTRIC SYS                          | LEC  | A01     |
| ECE 631               | HVDC SYSTEMS                                          | LEC  | A01     |
| ECE 636               | VOLTAGE-SOURCE CONVERTERS                             | LEC  | A01     |
| ECE 660               | OPTMZTION DYN CNTRL & ESTIMATE                        | LEC  | A01     |
| ECE 675               | PLASMA ENGINEERING                                    | LEC  | A01     |
| ECE 720               | AUTO SOFTWARE DEBUGGING & TESTING                     | LEC  | A01     |
| ECE 730               | COMPUTATION AND AI FOR CYBER-PHYSICAL SYSTEMS         | LEC  | A02     |
| ECE 740               | BIOMEDICAL IMAGE ANALYSIS                             | LEC  | A02     |
| ECE 770               | ADV TOPICS IN PHOTONICS AND PLASMAS (Topic Title TBD) | TBD  | TBD     |
| ECE 780               | CRYPTOCURRENCIES AND BLOCKCHAIN TECHNOLOGIES          | LEC  | A01     |
| ENGG 700              | TECHNICAL & PROFESSIONAL COMMUNICATIONS (MEng)        | LEC  | A1      |
| ENGG 700              | TECHNICAL & PROFESSIONAL COMMUNICATIONS (MEng)        | LEC  | A3      |
| ENGG 700              | TECHNICAL & PROFESSIONAL COMMUNICATIONS (MSc/PhD)     | LEC  | A2      |

## Winter 2027 ECE Courses

| COURSE CODE | COURSE TITLE                                                                  | TYPE    | SECTION |
|-------------|-------------------------------------------------------------------------------|---------|---------|
| ECE 531     | INDUSTRIAL DRIVE SYSTEMS                                                      | LEC     | B1      |
| ECE 541     | DIGITAL SIGNAL PROCESSING                                                     | LEC     | B01     |
| ECE 553     | DIGITAL INTEGRATED CIRCUIT DES                                                | LEC/LAB | B01/H01 |
| ECE 559     | MICROFAB & NANOFAB TOPICS II                                                  | LEC     | B01     |
| ECE 571     | OPTICAL AND QUANTUM ELECTRONICS                                               | LEC     | B01     |
| ECE 576     | ADV ENG ELECTROMAGNETICS                                                      | LEC     | X50     |
| ECE 579     | RADIO WAVE PROPAGATION: THEORY, MODELING, AND APPS (used to be ECE 770 topic) | TBD     | TBD     |
| ECE 582     | INFO THEORY & CHANNEL CODING                                                  | LEC     | B01     |
| ECE 625     | DATA ANALYSIS & KNOWLEDGE DIS                                                 | LEC/SEM | B01/800 |
| ECE 626     | ADVANCED NEURAL NETWORKS                                                      | LEC     | B01     |
| ECE 627     | INTELLIGENT WEB                                                               | LEC     | B01     |
| ECE 633     | MODEL/SIMUL ELECTROMAG TRANS                                                  | LEC     | B01     |
| ECE 635     | POWER CONVERTERS AND RENEWABLE ENERGY SYSTEMS                                 | LEC     | B1      |
| ECE 646     | ORGANIC ELECTRONICS                                                           | LEC     | B01     |
| ECE 660     | OPTMIZATION DYN CNTRL & ESTIMATE                                              | LEC     | B1      |
| ECE 664     | NONLINEAR CONTROL DES WITH APP                                                | LEC     | B01     |
| ECE 665     | MULTIVARIABLE ROBUST CONTROL                                                  | LEC     | B01     |
| ECE 686     | WIRELESS COMMUNICATION NETWORK                                                | LEC     | B01     |
| ECE 691     | BIOMEDICAL OPTICS                                                             | LEC     | B01     |
| ECE 692     | ULTRASOUND IMAGING                                                            | LEC     | B1      |
| ECE 720     | TRUSTWORTHY MACHINE LEARNING SYSTEM ENGINEERING                               | LEC     | X50     |
| ECE 730     | POWER CONVERTER SYSTEM DESIGN                                                 | LEC     | B02     |
| ECE 740     | COMPUTER AND ROBOT VISION                                                     | LEC     | B01     |
| ECE 745     | ADV TOPICS IN SOLID STATE ELEC (Topic Title TBD)                              | LEC     | B01     |
| ECE 750     | DEVICES FOR SENSING APPLICATIONS                                              | LEC     | B01     |
| ECE 770     | PRINCIPLES OF PLASMA DIAGNOSTICS                                              | LEC     | B04     |
| ECE 770     | ADV TOPICS IN PHOTONICS AND PLASMAS (Topic Title TBD)                         | TBD     | TBD     |
| ENGG 700    | TECHNICAL & PROFESSIONAL COMMUNICATIONS (MSc/PhD)                             | LEC     | B1      |
| ENGG 700    | TECHNICAL & PROFESSIONAL COMMUNICATIONS (MEng)                                | LEC     | B2      |