

| Course # | Title                                       | Instructor              | Day/<br>Time | Location  | Class<br>Limit | Contact<br>Hours | Type |
|----------|---------------------------------------------|-------------------------|--------------|-----------|----------------|------------------|------|
| BIO101   | Biology for Engineers 1                     | Medvedik                | M6-9         | 104       | 30             | 3                | LECT |
| CE121    | Structural Engineering 1                    | Tzavelis                | W 12-1       | 105       | 30             | 3                | LECT |
|          |                                             |                         | Th 3-5       | 503       | 30             |                  |      |
|          |                                             |                         | W 2-5        | LL220     | 30             | 3                | LAB  |
| CE141    | Environmental Systems<br>Engineering        | Yapijakis               | M 3-5        | 104       | 30             | 3                | LECT |
|          |                                             |                         | TH 1-2       | 427       | 30             |                  |      |
|          |                                             |                         | T 2-5        | LL201/104 | 30             | 3                | LAB  |
| CE331    | Foundations Engineering                     | Guido                   | M 11-1       | 503       | 30             | 3                | LECT |
|          |                                             |                         | TH 11-12     | 505       | 30             |                  | LECT |
| CE342    | Design of Reinforced Concrete<br>Structures | Ahmad                   | T 11-12      | 505       | 30             | 3                | LECT |
|          |                                             |                         | Th 2-4       | 427       | 30             |                  | LECT |
| CE351    | Urban Transportation Planning               | Lennon                  | W 6-9        | 503       | 30             | 3                | LECT |
| CE363    | Civil Engineering Design 1                  | Ahmad/Cataldo/<br>Guido | T 2-5        | 503       | 30             | 3                | LECT |
| CE422    | Finite Element Methods                      | Hapij                   | M 6-9        | 503       | 30             | 3                | LECT |
| CE433    | Advanced Topics in Geotech<br>Engineering 1 | Chang                   | T 6-9        | 503       | 30             | 3                | LECT |
| CE440    | Industrial Waste Treatment<br>Design        | Yapijakis               | Th 6-9       | 106       | 20             | 3                | LECT |
| CE447    | Stream and Estuary Pollution                | Cataldo                 | W 10-12      | 106       | 20             | 3                | LECT |
|          |                                             |                         | Th 4-5       | 106       | 20             |                  |      |
| CE481    | Bridge Engineering                          | Viola                   | Th 6-9       | 503       | 30             | 3                | LECT |
| CE483    | Building Information Modeling               | Tzavelis                | M 2-5        | 802       | 30             | 3                | LECT |
| CH110A   | General Chemistry                           | Sharafeddin             | T 6-8        | 504       | 30             | 4                | LECT |
|          |                                             |                         | Th 6-8       | 504       | 30             |                  |      |
| CH110B   | General Chemistry                           | Wiener                  | T 4-6        | 504       | 30             | 4                | LECT |
|          |                                             |                         | F 3-5        | 105       | 30             |                  | LECT |
| CH110D   | General Chemistry                           | Carberry                | W 10-12      | 105       | 30             | 4                | LECT |
|          |                                             |                         | F 9-11       | 105       | 30             |                  | LECT |

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| CH110E  | General Chemistry                            | Newmark      | T 2-4   | 105   | 30 | 4 | LECT |
|         |                                              |              | Th3-5   | 101   | 30 |   |      |
| CH111A  | General Chemistry Lab                        | Newmark      | M 1-4   | 404   | 30 | 3 | LAB  |
| CH111A1 | General Chemistry Lab                        | TBD          | F 2-5   | 404   | 16 | 3 | LAB  |
| CH1111B | General Chemistry Lab                        | Vichchuladan | W 12-3  | 404   | 16 | 3 | LAB  |
| CH111D  | General Chemistry Lab                        | TBD          | M 9-12  | 404   | 16 | 3 | LAB  |
| CH111D1 | General Chemistry Lab                        | Kolack       | T 2-5   | 404   | 16 | 3 | LAB  |
| CH111E  | General Chemistry Lab                        | Bastos       | F 9-12  | 404   | 16 | 3 | LAB  |
| CH160C1 | Physical Principles of Chemistry             | Topper       | T 2-4   | 101   | 30 | 4 | LECT |
|         |                                              |              | F 12-2  | 101   | 30 |   | LECT |
| CH160C2 | Physical Principles of Chemistry             | Topper       | M 1-3   | 101   | 30 | 4 | LECT |
|         |                                              |              | F 9-11  | 101   | 30 |   | LECT |
| CH231   | Organic Chemistry 1                          | Savizky      | W 3-5   | LL101 | 30 | 3 | LECT |
|         |                                              |              | F 12-1  | 105   | 30 |   |      |
| CH251A  | Instrumental Analysis Laboratory             | Savizky      | M 1-5   | 407   | 10 | 4 | LAB  |
| CH251B  | Instrumental Analysis Laboratory             | Lay          | Th 1-5  | 407   | 10 | 4 | LAB  |
| CH261   | Physical Chemistry 1                         | Topper       | M 9-11  | 101   | 30 | 3 | LECT |
|         |                                              |              | T 9-10  | 427   | 30 |   |      |
| CH440   | Biochemistry 2                               | Savizky      | W 12-1  | 427   | 30 | 3 | LECT |
|         |                                              |              | F 2-4   | 503   | 30 |   | LECT |
| CH451   | Nanomaterials                                | Lay          | T 11-12 | LL210 | 20 | 3 | LECT |
|         |                                              |              | F 11-1  | 502   | 20 |   | LECT |
| CHE131  | Advanced Chemical Engineering Thermodynamics | Brazinsky    | T 2-4   | LL101 | 30 | 3 | LECT |
|         |                                              |              | W 11-12 | 427   | 30 |   | LECT |
| CHE142  | Separation Process Principles                | TBD          | M 4-6   | 503   | 30 | 3 | LECT |
|         |                                              |              | T 10-11 | 505   | 30 |   | LECT |
| CHE152  | Chemical Process Dynamics and Control        | Okorafor     | M 11-1  | 104   | 30 | 4 | LECT |
|         |                                              |              | W 9-11  | 104   | 30 |   | LECT |

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| CHE161.1  | Process Evaluation and Design 1              | Stock             | M 1-3    | 427     | 30 | 3 | LECT |
|           |                                              |                   | Th 10-11 | 503     |    |   |      |
| CHE162.1A | Chemical Engineering Lab 1                   | Stock             | Th 12-4  | 303/304 | 15 | 4 | LAB  |
| CHE162.1B | Chemical Engineering Lab 1                   | Brazinsky         | W 12-4   | 303/304 | 15 | 4 | LAB  |
| CHE421    | Advanced Chemical Reaction Engineering       | TBD               | T 5-6    | 503     | 20 | 3 | LECT |
|           |                                              |                   | W 1-3    | LL210   | 20 |   | LECT |
| CHE440    | Advanced Fluid Mechanics                     | Wootton           | W 1-2    | 427     | 30 | 3 | LECT |
|           |                                              |                   | F 10-12  | 427     | 30 |   |      |
| CHE488    | Convex Optimization Techniques               | TBD               | T 2-4    | LL210   | 20 | 3 | LECT |
|           |                                              |                   | W 4-5    | LL210   | 20 |   | LECT |
| CS102A/B  | Introduction to Computer Science             | Hopkins           | M 4-6    | 506     | 35 | 3 | LECT |
| CS102A/BL | Introduction to Computer Science             | B. Cusack         | Th 10-11 | 504     | 35 |   |      |
| CS102C/D  | Introduction to Computer Science             | Lent              | M 5-6    | 505     | 30 | 3 | LECT |
|           |                                              |                   | W 4-5    | 427     | 30 |   |      |
| CS102C/DL | Introduction to Computer Science             | B. Cusack         | W 1-2    | 503     | 30 |   |      |
| CS102E    | Introduction to Computer Science             | S. Cusack         | W 6-8    | 806     | 30 | 3 | LECT |
| CS102EL   | Introduction to Computer Science             | B. Cusack         | W 2-3    | 504     | 30 |   | LECT |
| ECE140    | Circuit Analysis                             | Tien              | T 6-9    | 505     | 35 | 3 | LECT |
| ECE142    | Electronics 2                                | Sherman           | T 6-9    | 506     | 35 | 3 | LECT |
| ECE150A   | Digital Logic Design                         | Risbud            | T 4-7    | 101     | 24 | 3 | LECT |
| ECE150B   | Digital Logic Design                         | Harwayne-Gidansky | T 2-4    | LL210   | 20 | 3 | LECT |
|           |                                              |                   | Th 12-1  | LL210   | 20 |   | LECT |
| ECE161    | Programming Languages                        | Kirtman           | W 3-6    | 101     | 30 | 3 | LECT |
| ECE165    | Data Structures & Algorithms 2               | Sable             | W 12-2   | 101     | 30 | 2 | LECT |
| ECE193A/B | Electrical & Computer Engineering Projects 1 | Kirtman           | T 2-5    | 604     | 18 | 3 | LAB  |
| ECE195A   | Electrical & Computer Engineering 3          | Keene             | T 2-6    | 106     | 18 | 4 | LECT |

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| ECE195B | Electrical & Computer Engineering 3     | Sable     | T 2-6   | 502        | 18 | 4 | LECT |
| ECE300  | Communication Theory                    | Keene     | M 4-5   | 505        | 35 | 3 | LECT |
|         |                                         |           | Th 1-3  | 505        | 35 |   | LECT |
| ECE310  | Digital Signal Processing               | Hoerning  | Th 6-9  | 505        | 35 | 3 | LECT |
| ECE320  | Control Systems                         | Shinners  | F 11-2  | 503        | 24 | 3 | LECT |
| ECE332  | Electro-Mechanical Energy Conversion    | Shinners  | M 11-2  | 502        | 18 | 3 | LECT |
| ECE357  | Computer Operating System               | Hackner   | W 6-9   | 502        | 25 | 3 | LECT |
| ECE401  | Selected Topics in Communication Theory | Hausman   | T 6-9   | 502        | 24 | 3 | LECT |
| ECE414  | Machine Learning                        | Keene     | M 2-4   | 503        | 25 | 3 | LECT |
|         |                                         |           | Th 4-5  | 427        | 25 |   | LECT |
| ECE453  | Advanced Computer Architecture          | Berenbaum | M 6-9   | 106        | 20 | 3 | LECT |
| ECE433  | Optical Communications                  | Jackman   | W 6-9   | LL210      | 20 | 3 | LECT |
| ECE469  | Artificial Intelligence                 | Sable     | W 3-5   | 503        | 25 | 3 | LECT |
|         |                                         |           | Th 3-4  | 502        | 25 |   | LECT |
| EID101A | Engineering Design and Problem Solving  | Wootton   | T 11-12 | Rose/502   | 30 | 3 | LECT |
|         |                                         |           | Th 1-3  | Rose/502   | 30 |   | LECT |
| EID101B | Engineering Design and Problem Solving  | Guido     | T 11-12 | Rose/503   | 30 | 3 | LECT |
|         |                                         |           | Th 1-3  | Rose/503   | 30 |   | LECT |
| EID101C | Engineering Design and Problem Solving  | TBD       | T 11-12 | Rose/101   | 30 | 3 | LECT |
|         |                                         |           | Th 1-3  | Rose/101   | 30 |   | LECT |
| EID101D | Engineering Design and Problem Solving  | TBD       | T 11-12 | Rose/104   | 30 | 3 | LECT |
|         |                                         |           | Th 1-3  | Rose/104   | 30 |   | LECT |
| EID101E | Engineering Design and Problem Solving  | TBD       | T 11-12 | Rose/802   | 30 | 3 | LECT |
|         |                                         |           | Th 1-3  | Rose/105   | 30 |   | LECT |
| EID101F | Engineering Design and Problem Solving  | TBD       | T 11-12 | Rose/427   | 30 | 3 | LECT |
|         |                                         |           | Th 1-3  | Rose/LL101 | 30 |   | LECT |
| EID105  | Drawing and Sketching for Engineers     | Dell      | Th 6-9  | 427        | 30 | 3 | LECT |
| EID170  | Engineering Economy                     | Barrett   | T 2-5   | 802/803    | 30 | 3 | LECT |

|             |                                                |            |         |          |     |   |      |
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| EID300A     | Special Research Project                       | Synnott    | T 5-6   | 427      | 30  | 3 | LECT |
|             |                                                |            | Th 12-2 | 803      | 30  |   | LECT |
| EID320      | Special Topics in Bioengineering               | Medvedek   | Th 6-9  | 506      | 35  | 3 | LECT |
| EID370      | Engineering Management                         | Barrett    | T 6-9   | 427      | 30  | 3 | LECT |
| EID424      | Bioengineering Applications in Sports Medicine | Kremenec   | M 5-8   | 502      | 25  | 3 | LECT |
| EID440      | Advanced Fluid Mechanics (CHE441)              | Wootton    | W 1-2   | 427      | 30  | 3 | LECT |
|             |                                                |            | F 10-12 | 427      | 30  |   | LECT |
| ESC000A     | Engineering Professional Development Seminar   |            | M 6-9   | 105      | 30  | 3 | LECT |
| ESC000B     |                                                |            | M6-9    | 201      | 20  |   | LECT |
| ESC000C     |                                                |            | M6-9    | 427      | 30  |   | LECT |
| ESC000D     |                                                |            | M6-9    | 506      | 35  |   | LECT |
| ESC000E     |                                                |            | M6-9    | 801      | 20  |   | LECT |
| ESC000.1    | Engineering Professional Development Seminar   | Stock      | M 12-1  | Rose/427 | 196 | 1 | LECT |
| ESC000.3    | Engineering Professional Development Seminar   | Stock      | W 2-3   | Rose/502 | 196 | 3 | LECT |
| ESC100C     | Engineering Mechanics                          | TBD        | T 11-12 | 506      | 35  | 3 | LECT |
|             |                                                |            | Th 1-3  | 504      | 35  |   | LECT |
| ESC100M     | Engineering Mechanics                          | Sidebotham | T 4-6   | 506      | 35  | 3 | LECT |
|             |                                                |            | Th 12-1 | 505      | 35  |   | LECT |
| ESC110C     | Materials Science                              | Lima       | T 4-6   | 505      | 35  | 3 | LECT |
|             |                                                |            | F 3-4   | 506      | 35  |   | LECT |
| ESC110M     | Materials Science                              | Lima       | W 5-6   | 506      | 35  | 3 | LECT |
|             |                                                |            | F 12-2  | 505      | 35  |   | LECT |
| ESC110.1    | Materials Science for Chemical Engineers       | Okorafor   | M 9-11  | 104      | 30  | 3 | LECT |
|             |                                                |            | T 4-5   | 427      | 30  |   | LECT |
| ESC120/121K | Principles of Electrical Engineering           | Ungar      | M 12-2  | 505      | 35  | 3 | LECT |
|             |                                                |            | Th 9-10 | 504      | 35  |   | LECT |
| ESC130C     | Engineering Thermodynamics                     | Speyer     | M12-2   | 205A     | 30  | 3 | LECT |
|             |                                                |            | W1-2    | 105      | 30  |   |      |
| ESC130M     | Engineering Thermodynamics                     | Sidebotham | M 10-12 | 506      | 30  | 3 | LECT |
|             |                                                |            | W 2-3   | 802      | 30  |   | LECT |

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| ESC140C | Fluid Mechanics and Flow Systems | Cataldo    | T 9-12  | 504 | 35 | 3 | LECT |
| ESC140K | Fluid Mechanics and Flow Systems | Brazinsky  | T 10-11 | 427 | 30 | 3 | LECT |
|         |                                  |            | TH10-12 | 427 | 30 |   | LECT |
| ESC140M | Fluid Mechanics and Flow Systems | Wootton    | W 3-5   | 504 | 35 | 3 | LECT |
|         |                                  |            | F 12-1  | 504 | 35 |   | LECT |
| ESC170  | Material and Energy Balances     | Orkorafor  | T 2-4   | 427 | 30 | 3 | LECT |
|         |                                  |            | W 11-12 | 104 | 30 |   | LECT |
| MA110A  | Introduction to Linear Algebra   | Mintchev   | W 3-5   | 104 | 30 | 2 | LECT |
| MA110B  | Introduction to Linear Algebra   | Bailyn     | F 1-3   | 506 | 30 | 2 | LECT |
| MA110C  | Introduction to Linear Algebra   | TBD        | Th 3-5  | 105 | 30 | 2 | LECT |
| MA110D  | Introduction to Linear Algebra   | Smyth      | F 2-4   | 505 | 30 | 2 | LECT |
| MA110E  | Introduction to Linear Algebra   | Kumarsen   | TH9-11  | 506 | 30 | 2 | LECT |
| MA111A  | Calculus 1                       | Mintchev   | T 2-4   | 506 | 30 | 5 | LECT |
|         |                                  |            | W 1-2   | 505 | 30 |   | LECT |
|         |                                  |            | Th 3-5  | 504 | 30 |   | LECT |
| MA111B  | Calculus 1                       | Bailyn     | M 2-4   | 505 | 30 | 5 | LECT |
|         |                                  |            | W 10-11 | 505 | 30 |   | LECT |
|         |                                  |            | F 9-11  | 506 | 30 |   | LECT |
| MA111D  | Calculus 1                       | Smyth      | M 1-3   | 506 | 30 | 5 | LECT |
|         |                                  |            | T 5-6   | 104 | 30 |   | LECT |
|         |                                  |            | Th 3-5  | 104 | 30 |   | LECT |
| MA111E  | Calculus 1                       | Vulakh     | M 1-3   | 504 | 30 | 5 | LECT |
|         |                                  |            | W 1-2   | 506 | 30 |   | LECT |
|         |                                  |            | F 12-2  | 104 | 30 |   | LECT |
| MA113C  | Calculus 2                       | Vulakh     | M 3-5   | 504 | 30 | 5 | LECT |
|         |                                  |            | W2-4    | 105 | 30 |   | LECT |
|         |                                  |            | F11-12  | 504 | 30 |   | LECT |
| MA223C  | Vector Calculus                  | Srubshchik | T 9-11  | 506 | 30 | 3 | LECT |
|         |                                  |            | F 12-1  | 506 | 30 |   | LECT |
| MA223E  | Vector Calculus                  | Agrawal    | M 9-11  | 505 | 30 | 3 | LECT |
|         |                                  |            | F 9-10  | 505 | 30 |   | LECT |
| MA223K  | Vector Calculus                  | Ronan      | Th 11-1 | 504 | 30 | 3 | LECT |
|         |                                  |            | W 9-10  | 504 | 30 |   | LECT |
| MA223M  | Vector Calculus                  | Bailyn     | M 12-1  | 506 | 30 | 3 | LECT |
|         |                                  |            | W 3-5   | 505 | 30 |   | LECT |
| MA224C  | Probability                      | Smyth      | T 2-4   | 504 | 30 | 3 | LECT |

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|--------|---------------------------------------------|-------------------|---------|---------|----|---|------|
|        |                                             |                   | Th 12-1 | 104     | 30 |   | LECT |
| MA224K | Probability                                 | Srubshchik        | T 11-12 | 205A    | 30 | 3 | LECT |
|        |                                             |                   | F 9-11  | 503     | 30 |   | LECT |
| MA240E | Ordinary and Partial Differential Equations | Kumarsen          | T 9-10  | 505     | 30 | 3 | LECT |
|        |                                             |                   | TH11-1  | 506     | 30 |   | LECT |
| MA240M | Ordinary and Partial Differential Equations | Slome             | M 1-2   | 104     | 30 | 3 | LECT |
|        |                                             |                   | Th 3-5  | 505     | 30 |   | LECT |
| MA326  | Linear Algebra                              | Mintchev          | M9-11   | 502     | 30 | 3 | LECT |
|        |                                             |                   | Th 12-1 | 502     | 30 |   | LECT |
| MA350  | Advanced Calculus I                         | Agrawal           | Th9-11  | 101     | 30 | 4 | Lect |
|        |                                             |                   | M11-12  | 101     | 30 |   |      |
|        |                                             |                   | F 10-11 | 104     | 30 |   | LECT |
| ME100  | Stress and Applied Elasticity               | Kutt              | Th 11-1 | 101     | 30 | 3 | LECT |
|        |                                             |                   | Th 1-2  | 506     | 30 |   | LECT |
| ME105  | Drawing and Sketching for Engineers         | Dell              | Th 6-9  | 427     | 30 | 3 | LECT |
| ME151A | Feedback Control Systems                    | Baglione          | F 10-12 | 709     | 15 | 2 | LAB  |
| ME151B | Feedback Control Systems                    | Baglione          | F 1-3   | 709     | 15 | 2 | LAB  |
| ME151L | Feedback Control Systems                    | Baglione          | T 2-4   | 505     | 35 | 3 | LECT |
|        |                                             |                   | W 1-2   | 504     | 35 | 3 | LECT |
| ME163  | Mechanical Engineering Projects             | Baglione/Lima/Wei | Th 2-5  | 506     | 35 | 3 | LECT |
| ME312  | Manufacture Engineering                     | Wei               | W 2-5   | 506     | 35 | 3 | LECT |
| ME322  | Fundamentals of Aerodynamics                | Kutt              | M 11-2  | 105     | 30 | 3 | LECT |
| ME336  | Design Elements                             | Rodas             | T 9-12  | LL224   | 15 | 3 | LECT |
| ME350  | Introduction to Industrial Design           | Bambino           | W 6-9   | 505     | 12 | 3 | LECT |
| ME408  | Introduction to Computer Aided Engineering  | Bondi             | M 6-9   | 505/802 | 30 | 3 | LECT |
| ME412  | Autonomous Mobile Robots                    | Mar               | W 6-9   | 506     | 35 | 3 | LECT |
| ME415  | Introduction to Nanotechnology              | Yu                | Th 6-9  | 105     | 30 | 3 | LECT |
| ME433  |                                             | Sidebotham        | M 3-4   | 806     | 30 | 3 | LECT |
|        |                                             |                   | W 11-1  | 503     | 30 |   |      |
| ME440  | Advanced Fluid Mechanics                    | Wootton           | W 1-2   | 427     | 30 | 3 | LECT |
|        |                                             |                   | F 10-12 | 427     | 30 |   | LECT |

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|---------|--------------------------------------|----------|---------|------|-----|---|------|
| PH213L  | Physics 2: Electromagnetic Phenomena | Wolf     | M 2-3   | Rose | 196 | 3 | LECT |
|         |                                      |          | W 1-2   | Rose | 196 |   | LECT |
|         |                                      |          | F 11-12 | Rose | 196 |   | LECT |
|         |                                      |          | W 12-1* | Rose | 196 |   | LECT |
|         |                                      |          | *extra  |      |     |   |      |
| PH1213K | Physics 2: Electromagnetic Phenomena | TBD      | W 6-8   | 504  | 30  | 2 | LECT |
| PH1213C | Physics 2: Electromagnetic Phenomena | Akkerman | F 9-11  | 502  | 30  | 2 | LECT |
| PH1213E | Physics 2: Electromagnetic Phenomena | Akkerman | F 1-3   | 502  | 30  | 2 | LECT |
| PH1213M | Physics 2: Electromagnetic Phenomena | TBD      | M 3-5   | 101  | 30  | 2 | LECT |
| PH213S  | Physics 2: Electromagnetic Phenomena | TBD      | T 4-6   | 105  | 30  | 2 | LECT |
| PH291K  | Introductory Physics Lab             | Yecko    | Th 1-3  | 301  | 30  | 2 | LAB  |
| Ph291C  | Introductory Physics Lab             | Yecko    | M 12-2  | 301  | 30  | 2 | LAB  |
| PH291E  | Introductory Physics Lab             | Yecko    | T 10-12 | 301  | 30  | 2 | LAB  |
| PH291M  | Introductory Physics Lab             | Yecko    | T 2-4   | 301  | 30  | 2 | LAB  |
| PH291S  | Introductory Physics Lab             | Yecko    | W 3-5   | 301  | 30  | 2 | LAB  |