

| Title | Tech Elec CIV 2010 | Tech Elec CIV Su11-Sp16 | Tech Elec CIV Su16 forward |
|-----------------------------------|--------------------|-------------------------|---|
| Construction Methods | CCE 4004 | CCE 4004 | |
| Estimating & Scheduling | CCE 4034 | CCE 4034 | |
| Equipment & Productivity | CCE 4402 | CCE 4402 | |
| Mech/Elec Systems | CCE 4813 | CCE 4813 | |
| Geotech II | CEG 4012 | CEG 4012 | |
| Matrix Methods | CES 4101 | | CECE 4xxx: CES 4205, CES 4605, CES 4702, CES 4743C, CEG 4012, CEG 4203, CEG 4801C, CWR 4120, CWR 4124, CWR 4812C, TTE 4274, TTE 4300, TTE 4601C, EES 4111C, EES 4202C, ENV 4120, ENV 4122C, ENV 4341, ENV 4531, ENV 4561, ENV 4433C, ENV 4562C, CCE 4004, CCE 4034, CCE 4402, CCE 4813, CCE 4810C |
| Steel | CES 4605 | CES 4605 | |
| Concrete | CES 4702 | CES 4702 | |
| Engineering Analysis | EGN 3420 | EGN 3420 | |
| Chem Process | EES 4202C | EES 4202C | |
| Biological Process | EES 4111C | EES 4111C | |
| Air Pollution Cntrl | ENV 4120 | ENV 4120 | |
| Solid/Hazardous Waste | ENV 4341 | ENV 4341 | |
| Wastewater Design | ENV 4433C | ENV 4433C | |
| Transportation Engineering | TTE 4274 | TTE 4274 | |
| Intro to Smart Cities | | | CGN 4309 |
| Systems Analysis for Sust. | | | CCE 3930H |
| | | | CECE 5xxx: CCE 5006, CCE 5205, CCE 5220, CEG 5405, CES 5144, CES 5325, CES 5606, CES 5706, CES 5821, CGN 5340, CGN 5341, CGN 5506, CGN 5617, CGN 5877, CWR 5125, CWR 5205, CWR 5515, CWR 5545, CWR 5634, CWR 5999, EES 5318, ENV 5410, ENV 5505, ENV 5517, ENV 5636, TTE 5204, TTE 5531, TTE 5805, TTE 5835 |
| CECE 5000 level (min GPA req'd) | | | |
| Organic Chemistry I | CHM 2210 | CHM 2210 | |
| Organic Chemistry II | CHM 2211 | CHM 2211 | |
| Physical Chemistry I | CHM 3410 | CHM 3410 | CHM 3410 |
| Physical Chemistry II | CHM 3411 | CHM 3411 | CHM 3411 |
| Applied Physical Chemistry | | | CHM 3422 |
| Analytical Chemistry | | | CHM 3120 |
| Environmental Chemistry | CHS 4615 | CHS 4615 | |
| Intro to Programming with C | COP *223 | COP *223 | COP *223 |
| Object Oriented Programming | COP *330 | COP *330 | COP *330 |
| Computer Science I | COP 3502 | COP 3502 | COP 3502 |
| Computer Science II | | | COP 3503 |
| MATH 4000 level | MAA 4xxx | MAA 4xxx | MATH 4xxx: MAA 4226, MAA 4402, MAD 4301, MAP 4103, MAP 4113, MAP 4153, MAP 4171, MAP 4303, MAP 4341, MAP 4342, MAP 4371, MAP 4384 |
| MATH 4000 level | MAC 4xxx | MAC 4xxx | |
| MATH 4000 level | MAP 4xxx | MAP 4xxx | |
| MATH 4000 level | MAS 4xxx | MAS 4xxx | |
| Matrix & Linear Algebra | MAS 3105 | MAS 3105 | MAS 3105 |
| Linear Algebra | | | MAS 3106 |
| Number Theory | | | MAS 3203 |
| Logic & Proof | | | MHF 3302 |
| Urban & Regional Planning | PAD 3330 | PAD 3330 | PAD 3330 |
| Land Use & Planning | PAD 4331 | PAD 4331 | PAD 4331 |
| Physics III | PHY 3101 | PHY 3101 | PHY 3101 |
| Mechanics I | | | PHY 3220 |
| Thermal and Statistical Physics | | | PHY 3513 |
| Principles of Elec Engrg | | EGN *373 | EGN *373 |
| Thermodynamics | | | EGN 3343 |
| Kinematics of Mechanisms | | | EML 3262 |
| Design & Analy Machine Comps | | | EML 3500 |
| Heat Transfer | | | EML 4142 |
| Intro to Vibrations & Controls | | | EML 4225 |
| HVAC Systems Engineering | | | EML 4600 |
| Applied HVAC Engineering | | | EML 4602 |
| Fund Mech Behavior Materials | | | EMA 4223 |
| Analy & Design Aerospace Struct | | | EAS 4200 |
| Statistical Methods II | | | STA 4163 |
| Statistical Methods III | | | STA 4164 |
| Statistical Theory I | | | STA 4321 |
| Statistical Theory II | | | STA 4322 |
| Nonparametric Statistical Methods | | | STA 4502 |
| Categorical Data Analysis | | | STA 4504 |