

**Bachelor of Science – Electrical Engineering Technology**  
**Academic Year 2024 – 2025 --- Typical Course Sequence**

| Semester 1<br>FALL<br>13+ credits                  | Semester 2<br>Spring<br>15 credits  | Semester 3<br>Fall<br>18 credits                       | Semester 4<br>Spring<br>15+ credits             | Semester 5<br>Fall<br>17+ credits  | Semester 6<br>Spring<br>15 credits  | Semester 7<br>Fall<br>16+ credits                     | Semester 8<br>Spring<br>17 credits  | Technical Electives<br>(6 credits)   |
|--|---|--|---|--|---|---|---|--|
| UN 1015<br>Composition<br>(3)                      | UN 1025<br>Global Issues<br>(3) [f,s,su] OR<br>Modern<br>Language<br>Option | Social<br>Responsibility<br>& Ethical<br>Reasoning (3) | Critical &<br>Creative<br>Thinking (3)          | Social &<br>Behavioral<br>Science<br>(3)   | Comm. &<br>Composition<br>(HU3120<br>recommended)<br>(3)                  | EET 4253<br>*Data Acq &<br>Signal<br>Processing (3)   | Humanities &<br>Fine Arts<br>(3)  | CS 1121 (3)<br>CS 1122 (3)<br>EET 3144 (3)<br>or EE 3171<br>EET 4147 (4)<br>EET 4311(4)<br>EET 4501 (3)<br>EET 4707 (3)<br>EET 4996 (1-3)<br>EET 4997 (1-3)<br>EET 4998 (1-3)<br>ENT xxxx (1-6)<br>except (ENT<br>3964, 4950,<br>4960)<br>MET 2130 (3)<br>or MET 3130<br>(3)<br>SAT 1700 (3)<br>SAT 2343 (4)<br>SAT 2511 (3)<br>SAT 2711 (3)<br>SAT 3200 (3)<br>SAT 3210 (3)<br>SAT 3310 (3)<br>SAT 3343 (4)<br>SAT 3611 (3)<br>SAT 3812 (3)<br>SAT 3820 (4)<br>SAT 4310 (3) or<br>SAT 4650 (3)<br>UN 3022 (1 -2)<br><br>This degree<br>requires 123<br>total credits. |
| HASS Elective<br>(3)                               | EET 1121/1122<br>Circuits 1 &<br>Lab (3+1)                                  | EET 2121/2122<br>* Circuits 2 &<br>Lab (3+1)           | EET 2142<br>Digital design<br>& Modeling<br>(3) | EET 3225<br>Analog<br>Electronic<br>Circuits (4)   | EET 3131<br>*Sensors &<br>Instrmntation<br>(3)                            | Senior Proj.,<br>Co-op or<br>Enterprise<br>(3)        | Senior Proj.,<br>Co-op or<br>Enterprise<br>(3)  |  |
| CS 1111 Intro<br>to<br>Programming<br>in C/C++ (3) |   | EET 2411<br>Digital<br>Electronics (3)                 | EET 2413<br>*Data Comm<br>(3)                   | EET 4233<br>Power<br>Systems (3)   | EET 3281<br>Electrical<br>Project<br>Development<br>& TrblShooting<br>(3) | EET 3373<br>*Intro to<br>Programmable<br>Contrlrs (3) | EET 4373 Adv<br>Prgramm'ble<br>Contrlrs (4)   |  |
|  |   | EET 2233<br>* Electrical<br>Machinery (4)              | Free Electives<br>2 to 4 credits<br>total       | MIS 2100<br>Business<br>Prog'ing or or<br>SAT 1610<br>Computer OS<br>Architecture<br>(3) | OSM 4300<br>Project Mngt<br>(3)   | EET 4144<br>*Real-Time<br>Robotics<br>Systems (4)     | EET 4999 Prof<br>Practice in EET<br>(1)   |  |
| MA 1032<br>PreCalculus<br>(4)                      | PH 1140/1141<br># Applied Coll<br>Physics (3+1)                             |  |   |  |   |   |   |  |
|  | MA 1160 or<br>1161<br># Calc 1<br>(4 or 5)                                  | MA 2160<br>Calc 2 (4)                                  | Gen Ed<br>Science<br>(3)                        | MA 2720<br>#Statistical<br>Methods (4)<br>Or MA 3710<br>Engineering<br>Stats (3)         | EET 2150<br>*Applied Math<br>for EngTech<br>(3)                           | Technical<br>Elective 1 of 2                          | Technical<br>Elective<br>2 of 2   |  |
| Cocurricular<br>1 credit                           |   |  | Cocurricular<br>1 credit                        | Cocurricular<br>½ credit   |   | Cocurricular<br>½ credit                              |   |  |
|  |   |  |   |  |   |   | *EET 1121/1122 are<br>prerequisites for this course<br># MA 1032 is a prerequisite<br>for this course |  |

See degree audit for a complete summary of degree requirements.