# Bachelor of Science – Electrical Engineering Technology
## Academic Year 2023 – 2024 --- Typical Course Sequence

| Semester 1 FALL 13+ credits | Semester 2 Spring 18 credits | Semester 3 Fall 18 credits | Semester 4 Spring 15+ credits | Semester 5 Fall 16+ credits | Semester 6 Spring 15 credits | Semester 7 Fall 16+ credits | Semester 8 Spring 17 credits |
|---|---|---|---|---|---|---|---|
| UN 1015 Composition (3) | UN 1025 Global Issues (3) [f,s,su] OR Modern Language Option | Social Responsibility & Ethical Reasoning (3) | Critical & Creative Thinking (3) | Social & Behavioral Science (3) | Comm. & Composition (HU3120 recommended) (3) | | Humanities & Fine Arts (3) |
| HASS Elective (3) | MIS 2100 Business Prog'ing or or SAT 1610 Computer OS Archtecture (3) | EET 2121/2122 * Circuits 2 & Lab (3+1) | EET 2142 Digital design & Modeling VHDL (3) | Free Electives 2 to 4 credits total | EET 3131 *Sensors & Instrmntation (3) | Senior Proj. or Enterprise (3) | Senior Proj. or Enterprise (3) |
| CS 1111 Intro to Programming in C/C++ (3) | | EET 2411 Digital Electronics (3) | EET 2413 *Data Comm (3) | EET 3225 Analog Electronic Circuits (4) | EET 3281 Electrical Project Development & TrblShooting (3) | EET 3373 *Intro to Programmable Contrls (3) | EET 4373 Adv Prgramm'ble Contrls (4) |
| | EET 1121/1122 Circuits 1 & Lab (3+1) | | | | OSM 4300 Project Mngt (3) | EET 4144 *Real-Time Robotics Systems (4) | EET 4999 Prof Practice in EET (1) |
| | | EET 2233 * Electrical Machinery (4) | | EET 3390 Power Systems (3) | | | |
| MA 1032 PreCalculus (4) | PH 1140/1141 # Applied Coll Physics (3+1) | | Technical Elective 1 of 2 | | EET 2150 *Applied Math for EngTech (3) | EET 4253 *Data Acq & Signal Processing (3) | Technical Elective 2 of 2 |
| | MA 1160 or 1161 # Calc 1 (4 or 5) | MA 2160 Calc 2 (4) | Free Elective 2 to 4 credits total | MA 2720 #Statistical Methods (4) Or MA 3710 Engineering Stats (3) | | Gen Ed Science (3) | |
| Cocurricular 1 credit | | | Cocurricular 1 credit | Cocurricular ½ credit | | Cocurricular ½ credit | |

Technical Electives (6 credits minimum)

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CS 1121 (3)
CS 1122 (3)
EET 3144 (3)
EET 4141 (4) or EE 3171
EET 4147 (4)
EET 4311(4)
EET 4501 (3)
EET 4707 (3)
EET 4996 (1-3)
EET 4997 (1-3)
EET 4998 (1-3)
ENT xxxx (1-6) except (ENT 3964, 4950, 4960)
MET 2130 (3)
SAT 1700 (3)
SAT 2343 (4)
SAT 2511 (3)
SAT 2711 (3)
SAT 3200 (3)
SAT 3210 (3)
SAT 3310 (3)
SAT 3343 (4)
SAT 3611 (3)
SAT 3812 (3)
SAT 3820 (4)
SAT 4310 (3) or SAT 4650 (3)
UN 3022 (1 -2)

This degree requires 123 total credits.

*EET 1121/1122 are prerequisites for this course
# MA 1032 is a prerequisite for this course

See degree audit for a complete summary of degree requirements.