

| Electrical Engineering and Communications Technology BS | ITT Transfer Pathway to St. Paul College | | |
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| Electrical Engineering Technology AAS | | | |
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| 24 Courses | | Quarter Credits | Semester Credits |
| ET1210 DC-AC Electronics | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET1220 Digital Fundamentals | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET1310 Solid State Devices | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET1410 Integrated Circuits | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET2530 Electronic Communications | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET2560 Introduction to C Programming | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET2640 Microprocessors and Microcontrollers | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET2750 Programmable Logic Controllers | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET2799 Electrical Engineering Technology Capstone Project | Electrical Engineering Technology AAS | 4.5 | 3 |
| ET3110 Network Communications | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3150 Automatic Industrial Control | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3220 Mobile Wireless Technology | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3280 Electrical Machines and Energy Conversion | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3330 Telecommunications Systems and Technology | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3380 Power Electronics | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3430 Fiber Optic Communications | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET3480 Power Systems | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET4560 C++ Programming | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET4580 Green Energy Technology | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET4640 Embedded Systems | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET4671 Electronic Circuit Analysis | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET4771 Electronic Circuit Design | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| ET4799 Electrical Engineering and Communications Technology Capstone Project | Electrical Engineering and Comm. Technology BS | 4.5 | 3 |
| NT1110 Computer Structure and Logic | Electrical Engineering Technology AAS | 4.5 | 3 |