

Electrical Engineering Technologies

The Electrical Engineering Technologies Department at Cincinnati State incorporates diverse technologies into a group of programs that address the needs of today's industry, in fields such as electronics design and repair, microcomputer systems, biomedical systems, renewable energy, and electromechanical systems. The department offers five associate's degree programs.

- **Biomedical Equipment and Information Systems Technology (BMET)** prepares graduates to work for hospitals or medical device manufacturers. The program provides diverse electronics and computer networking education and adds a specialization in medical instrumentation.
- **Electronics Engineering Technology (EET)** provides a diverse and well-rounded education in analog and digital electronics, microprocessor systems, computer hardware and software, computer applications, network communications, and programmable logic devices. The program also offers project-oriented courses in areas such as control systems, automotive electronics, remote control systems, and video systems.
- **Electro-Mechanical Engineering Technology (EMET)** prepares graduates to work in an industrial setting where automation, robotics, controls, and systems integration are used, providing a blend of electronics and mechanical systems studies. Two majors are offered, in Renewable Energy and in Lasers. These majors address the needs of growing industries in Ohio and the region, including manufacturing of photovoltaic electric panels, wind turbines, and fuel cells; installing and servicing photovoltaic and wind turbine systems; and assisting energy efficiency companies and consultants.
- **Power Systems Engineering Technology (PSET)** prepares graduates to meet current and future needs related to technical support for utility companies, electrical contractors, HVAC contractors, and industrial electrical design and maintenance firms.

All programs in the department prepare graduates to successfully pursue baccalaureate degrees and to enter the workforce and advance professionally.