

Electrical Maintenance Certificate

Why should I major in Electrical Maintenance?

This program is ideal if you are interested in electronics but only want the basics. The Electrical Maintenance Certificate program prepares students for entry level careers as electrical equipment installation and repair technicians in a variety of industries. The program was developed in response to industry needs for technicians with a basic understanding of the general concepts that govern complex electronic systems.



What type of degree will I earn at Iowa Western if I enroll in this program?

This semester-long program will earn a certificate upon graduation from Iowa Western. You will also have the option of continuing into the Electrical Maintenance Specialist or Electronic Engineering Technology programs.

If I major in Electrical Maintenance, can I transfer to a four-year college or university?

The objective of this program is to provide basic electronic literacy for immediate employment. If an advanced degree is your goal, the Electronic Engineering Technology program is more appropriate. Completing the Electronic Engineering Technology program will result in an Associate of Applied Science (AAS) degree. Many credits may also be transferred toward a bachelor's degree from another institution.

What is the job outlook for Electrical Maintenance graduates and what type of jobs will I be qualified for?

The job market for electronics graduates is strong with excellent opportunities for growth. You can find employment in areas such as installation and testing, field engineering, technical service, technical sales, system installation and maintenance and quality control.

Program of Study

The Electrical Maintenance program of study prepares students to be employed as technicians in the fields of electrical maintenance, installation and repair. The program was developed especially for industry in the development, installation and maintenance of complex industrial processes as well as their electronic, controller and computer devices. Graduates of this program are awarded a certificate.

*Students must complete the curriculum described below:

RECOMMENDED COURSE SEQUENCE

	Cr.	
ELT 331	Circuit Analysis I	4
ELT 332	Circuit Analysis I Lab	1
ELT 313	Digital Circuits I	4
ELT 314	Digital Circuits I Lab	1
ELT 616	Microprocessors I	4
ELT 617	Microprocessors I Lab	1

15

15 semester hours required

**For More Information,
contact the Admissions Office:
712.325.3277 or 800.432.5852, ext. 3277
or the Program Chair at 712.325.3403
www.iwcc.edu**