

# ELECTRONICS/ TELECOMMUNICATIONS TECHNOLOGY

LIMITED ENROLLMENT • TECHNICAL  
ONLINE (CERTIFICATE ONLY) • ON-CAMPUS



Overall employment of electrical and electronics installers and repairers is projected to be steady through 2024. Growth rates will vary by specialty, according to the U.S. Bureau of Labor Statistics. Experienced technicians with advanced training may become specialists, troubleshooters or supervisors.

## CAREER opportunities

- Telecommunications Technician
- Manufacturing Technician
- Calibration Technician
- Network Technician
- Factory Service Technician
- Troubleshooter
- Specialist
- Manufacturer's Sales Representative
- Maintenance Supervisor
- Service Manager
- Wholesaler/Retailer of Electronic Equipment

## HANDS-ON LEARNING. WORKFORCE READY.

Land a career in a field among the fastest growing occupations requiring college education.

Electronics/Telecommunications technicians are vital in a world undergoing technological revolution. Every industry has electronic aspects to its operations.

### DEGREE PLAN

Within the program, you have the option to earn a certificate in electronics. This one-year program will teach you the basics of digital electronics, alternating current and direct current analysis, solid state devices and active devices. If you choose to earn an Associate of Applied Science degree you will be trained on analog and digital communications, copper and fiber optic media, radio communications and more advanced digital electronics.

### ELECTRONICS PROGRAMS CERTIFICATE

TOTAL DEGREE CREDITS 28

### ASSOCIATE IN APPLIED SCIENCE

Prescribed Technical Program 58

+

General Education 16-17

TOTAL DEGREE CREDITS 74-75

### PRESCRIBED TECHNICAL PROGRAM REQUIREMENTS

<b>ELEC 100/L</b>	Direct Current Analysis/Lab
<b>ELEC 114/L</b>	Digital Electronics I/Lab
<b>ELEC 115/L</b>	Digital Electronics II/Lab
<b>ELEC 118/L</b>	Solid State Devices I/Lab
<b>ELEC 120/L</b>	AC Analysis/Lab
<b>ELEC 224/L</b>	Electronic Communications II/Lab
<b>ELEC 130/L</b>	Active Devices/Lab
<b>ELEC 216/L</b>	Digital Electronics III/Lab
<b>ELEC 218/L</b>	Digital Electronics IV/Lab
<b>ELEC 222/L</b>	Electronic Communications I/Lab
<b>ELEC 232/L</b>	Telecommunications I/Lab
<b>ELEC 234/L</b>	Telecommunications II/Lab



**STRONG JOB  
MARKET**



**TECHNICAL  
SKILLS**



**\$59K MEDIAN  
SALARY**

[bismarckstate.edu](http://bismarckstate.edu)