

# *Electronics/Electrical Engineering Technology* **Math/Science Concentration**

www.dtcc.edu • Delaware Technical & Community College

*The Electronics/Electrical Engineering Technology: Math/Science Concentration has a core curriculum that emphasizes general engineering fundamentals with intense hands-on laboratory experience focusing on circuit design, applications, and integrated computer systems. The curriculum provides strong mathematics and science preparation needed for upper-division course work. The program is articulated with the University of Delaware's bachelor's degree in Electrical Engineering. Graduates of the associate degree program are also prepared as entry level electronic technicians.*

## **What You'll Learn...**

- Practical problem-solving and troubleshooting techniques
- Component identification and analysis techniques
- Circuit and systems identification and analysis
- Schematic and diagram analysis
- Test equipment applications

## **What You'll Earn...**

- A competitive salary and excellent opportunities for advancement
- A career focusing on either systems, bench, or field repair
- Employment as an electronics specialist, technical specialist, electrical technician and engineering technician
- The credentials to become an electrical & computer repair manager/supervisor
- The technical knowledge and ability to succeed in an expanding technical world

## **Why You'll Succeed...**

- Many of the higher paying jobs, now and in the future, will be in a technical career field requiring an education beyond high school
- Employees with degrees tend to be more eligible for promotion\*
- Associate degree holders generally earn more than high school graduates\*
- College credit may be awarded for relevant work experience
- Many credits from an Associate Degree may be applied toward a Bachelor Degree

*\*Statistics from U.S. Department of Commerce, Bureau of Census*