Natural curiosity meets cutting-edge technology!

Do you want to work with cutting-edge technology? Are you curious about how electrical and electronic products operate? Do you like to take things apart to learn how they work internally? Do you like a challenge? Are you a good problem solver? If you answered yes to the previous questions, you may enjoy the challenging and rewarding field of computer and electronics technology!

Skills for the jobs of today and tomorrow

BRCC’s Computer & Electronics degrees prepare students for high-tech opportunities in a number of career fields. Our graduates work in a wide range of roles, from being industrial technicians operating automated equipment in a manufacturing facility, to troubleshooting computer/network problems, or working on a test bench repairing telecommunications equipment for the cable television industry. Graduates are also employed in emerging fields like the electric power utility industry, or supporting biomedical equipment in clinical engineering settings at healthcare facilities.

Great local jobs with a bright future

Our graduates are employed by: Dominion Power, ComSonicS, Augusta Health, BRCC, White Wave, Merck & Co., JMU, E-N Computers, McKee Baking, Hollister, Valley Automation, RMH/Sentara, Lumos Networks, Ntelos Wireless, Dynamic Aviation, UVA, and Virginia Panel. Average salaries for Industrial Technician and Maintenance Workers, Computer Support Specialist, Telecommunications Equipment Installers and Repairers, and Electrical and Electronics Engineering Technicians range from $45,800–$57,850 annually, and all of these careers show anticipated growth through 2024.

https://www.bls.gov/ooh/home.htm

Ready to learn more?

Mark Fitzgerald, Assistant Professor of Electronics
(540)453-2274 • FitzgeraldM@brcc.edu

James Richerson, Associate Professor of Electronics
(540)453-2328 • RichersonJ@brcc.edu

Curriculum

The program focuses on four areas of study, allowing graduates the flexibility to choose different types of employment upon degree completion. They are: Telecommunications, Industrial Electronics, Computer/Computer Networking, and Microcontrollers.