

# Learning Outcomes: Electrical and Computer Engineering Technology

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- Apply applications of physics or chemistry to electrical and computer systems in a rigorous mathematical environment
- Apply ability to analyze, design, and implement hardware and software computer systems
- Apply ability to apply project management techniques to electrical and computer systems
- Apply ability to utilize statistics/probability, transform methods, discrete mathematics, or applied differential equations in support of computer systems
- Apply application of circuit analysis and design, computer programming, to the operation and maintenance of computer systems
- Apply application of circuit analysis and design, computer programming, to the building and testing of computer systems
- Engage effectively in interpersonal, oral, visual, and written communication
- Demonstrate working knowledge of group dynamics, team-building, time-management skills and ethical expectation of the profession.