

Civil Engineering

Student Learning Outcomes

Graduates of the Civil Engineering Technology Program will be able to demonstrate:

- 1:** an appropriate mastery of the knowledge, techniques, skills, and modern tools of Civil Engineering Technology field
- 2:** an ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering, and technology
- 3:** an ability to conduct, analyze and interpret experiments, and apply experimental results to improve processes
- 4:** an ability to apply creativity in the design of systems, components, or processes appropriate to program educational objectives
- 5:** an ability to function effectively on teams
- 6:** an ability to identify, analyze and solve technical problems
- 7:** an ability to communicate effectively
- 8:** recognition of the need for, and an ability to engage in lifelong learning
- 9:** an ability to understand professional, ethical and social responsibilities
- 10:** a respect for diversity and knowledge of contemporary professional, societal and global issues
- 11:** a commitment to quality, timeliness, and continuous improvement