Program Educational Objectives of the Bachelor of Science in Civil Engineering:

- Graduates will meet high professional and ethical standards of employers of civil engineers
- Graduates will pursue professional licensure and/or participate in advanced study
- Graduates will pursue leadership positions in their communities and professions

Student Outcomes of the Bachelor of Science in Civil Engineering:

a. An ability to apply knowledge of mathematics, science and engineering.
b. An ability to design and conduct experiments as well as to analyze and interpret data.
c. An ability to design a system, component or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.
d. An ability to function on multi-disciplinary teams.
e. An ability to identify, formulate and solve engineering problems.
f. An understanding of professional and ethical responsibility.
g. An ability to communicate effectively.
h. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
i. A recognition of the need for and an ability to engage in lifelong learning.
j. A knowledge of contemporary issues.
k. An ability to use the techniques, skills and modern engineering tools necessary for engineering practice