

Program Educational Objectives

Within three to five years of graduation, graduates of the Mechanical Engineering program will:

- Successfully apply mathematics, science, and engineering principles to analyze and solve engineering problems.
- Practice engineering in a global and societal context utilizing a strong liberal arts foundation.
- Pursue lifelong learning and continuous improvement of their knowledge and skills in the design of physical systems, components, or processes.

Student Outcomes

1. The graduates shall have the ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. The graduates shall have the ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. The graduates shall have the ability to communicate effectively with a range of audiences.
4. The graduates shall have the ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. The graduates shall have the ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. The graduates shall have the ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. The graduates shall have the ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Undergraduate Enrollment and Degrees Awarded

Enrollment Year	Fall Enrollment	Degrees Awarded*
2021	10	--
2022	78	

*Total number of degrees awarded during the academic year (Fall and subsequent Spring and Summer)