

# Student Outcomes

Students completing the Robotics Engineering program will have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an 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. an ability to communicate effectively with a range of audiences
4. an 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. an 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. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

## Program Educational Objectives

Within a few years of graduation, Robotics Engineering graduates will be:

- established as engineers or scientists, or pursuing advanced degrees
- serving society and their professions effectively and responsibly as role models, practical problem solvers, creative thinkers, and innovators.

## Enrollment and Graduation Data of Robotics Engineering Program

Year	Enrolled	Graduated
2023-2024	62	2
2022-2023	59	2
2021-2022	51	-
2020-2021	32	-
2019-2020	6	-