

ABET Mechanical Engineering

Accreditation

The New Jersey Institute of Technology (NJIT) Bachelor of Science in Mechanical Engineering is accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org>, under the commission's General Criteria and Program Criteria for Mechanical and Similarly Named Engineering Programs.



Engineering
Accreditation
Commission

ME Program Educational Objectives

The undergraduate program leads to a Bachelor of Science degree in Mechanical Engineering (ME), producing graduates who will, within 3-5 years:

- Graduates will meet or exceed the expectations of employers of mechanical engineers.
- Qualified graduates will pursue advanced study if they so desire.
- Graduates will pursue leadership positions in their profession and/or communities

ME Student Outcomes

Students from the ME program will attain (by the time of graduation):

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.

ME Undergraduate Enrollment and Degrees Awarded

Academic Year	FTFTU	Transfer	Total Enrollment	Degrees Awarded
2023-2024	177	99	824	125
2022-2023	130	93	868	146
2021-2022	127	106	986	242
2020-2021	123	157	1073	256
2019-2020	156	131	1020	196