

# ABET Computer Engineering

## Accreditation

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



Engineering  
Accreditation  
Commission

## CoE Program Educational Objectives

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

- succeed in computer engineering areas or other interdisciplinary fields that require analytical and/or professional skills
- pursue professional development, including continuing or advanced education, relevant to their career plans
- contribute to their fields or professions and society.

## CoE Student Outcomes

Students from the CoE 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.

# CoE Undergraduate Enrollment and Degrees Awarded

<b>Academic Year</b>	<b>FTFTU</b>	<b>Transfer</b>	<b>Total Enrollment</b>	<b>Degrees Awarded</b>
2023-2024	92	28	385	
2022-2023	97	27	372	45
2021-2022	94	30	395	44
2020-2021	67	25	390	62
2019-2020	98	29	408	68