

B. S. In Engineering Technology, Applied Engineering Technology

(120 credits minimum)

Concentration in Applied Engineering Technology

First Year

1st Semester

	Credits
MATH 138 General Calculus I	3
Computing Literacy GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/computer-science-ger/)	3
Scientific Literacy GER with Lab (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)	4
ENGL 101 English Composition: Introduction to Academic Writing	3
MET 103 Engineering Graphics and Intro. to CAD or FED 101 or Fundamentals of Engineering Design	2
ET 101 Introduction to Engineering Technology	0
FYS SEM First-Year Student Seminar	0
Term Credits	15

2nd Semester

MATH 105 Elementary Probability and Statistics	3
ENGL 102 English Composition: Introduction to Writing for Research	3
Scientific Literacy GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/natural-science-ger/)	3
Social Science Literacy GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/social-science-ger/)	3
Free Elective (100-200 level)	3
Term Credits	15

Second Year

1st Semester

Applied Engineering Technology Elective with Lab (200 level)	3
Applied Engineering Technology Elective with Lab (200 level)	3
Technical Elective (100-200 level)	3
Applied Engineering Technology Elective (200 level)	3
History and Humanities GER 200 level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/)	3
Term Credits	15

2nd Semester

Applied Engineering Technology Elective with Lab (200 level)	3
Applied Engineering Technology Elective (200 level)	3
Technical Elective (100-200 level)	3
Applied Engineering Technology Elective (200 level)	3
Free Elective (100-200 level)	3
Term Credits	15

Third Year

1st Semester

Applied Engineering Technology Elective with Lab (300 level)	3
Applied Engineering Technology Elective with Lab (300 level)	3
Technical Elective (300 level)	3
Applied Engineering Technology Elective (300 level)	3

History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)	3
Term Credits	15
2nd Semester	
Applied Engineering Technology Elective with Lab (300 level)	3
Applied Engineering Technology Elective (300 level)	3
Free Elective (300-400 level)	3
Technical Elective (300 level)	3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)	3
Term Credits	15
Fourth Year	
1st Semester	
Applied Engineering Technology Elective with Lab (400 level)	3
Applied Engineering Technology Elective with Lab (400 level)	3
Applied Engineering Technology Elective (400 level)	3
Applied Engineering Technology Elective (400 level)	3
Technical Elective (400 level)	3
Term Credits	15
2nd Semester	
ET 450 Multidisciplinary Capstone Project	3
Applied Engineering Technology Elective with Lab (400 level)	3
Free Elective (300-400 level)	3
Applied Engineering Technology Elective (400 level)	3
Humanities and Social Science Senior Seminar GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/)	3
Term Credits	15
Total Credits	120