PATHWAYS  
Electronic Engineering Technology (A.A.S. Degree)  
FALL 2021-SPRING 2022

REMEDIAL SEQUENCE (if required)
- ESL 1 (8) ➔ ESL 2 (6) ➔ ESL 3 (6) ➔ ENG 9 (4)
- ENG 11 (4) ➔ RDL 2 (6)
- RDL 11 (4) ➔ RDL 21 (6)
- MTH 1 (4) ➔ MTH 5 (6) ➔ MTH 6 (6)
- CHM 2 (4)

GRADUATION REQUIREMENTS
- GPA ≥ 2.0
- Writing Intensive 1
- Writing Intensive 2

REQUIRED FRESHMAN SEMINAR
- FYS 11

REQUIRED COMMON CORE
- A English Composition I & II
  - ENG 100 OR ENG 110 OR ENG 111 AND ENG 112
  - 6
- B Mathematical and Quantitative Reasoning
  - MTH 30 Pre-Calculus Mathematics
  - 4
- C Life and Physical Sciences
  - PHY 11 College Physics I
  - 4

Subtotal: 14

FLEXIBLE COMMON CORE
- A World Cultures and Global Issues
  - HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World
  - 3
- D Individual and Society
  - COMM 11 Fundamentals of Interpersonal Communication
  - 3
- E Scientific World
  - PHY 12 College Physics II
  - 4

Subtotal: 10

MAJOR REQUIREMENTS3
- ART 10 OR MUS
  - 1
- ELC 11
  - DC Circuit Analysis
  - 4
- ELC 15
  - Computer Applications in Technology
  - 2
- ELC 18
  - Computer Programming for Engineering Technology
  - 2
- ELC 21
  - AC Circuit Analysis
  - 4
- ELC 25
  - Electronics I
  - 4
- ELC 35
  - Electronics II
  - 4
- ELC 51
  - Electronics Control
  - 3
- ELC 81
  - Electronics Communications
  - 4
- ELC 94
  - Laser and Fiber Optic Communications
  - 4
- ELC 96
  - Digital System I
  - 4
- FYS 11
  - First Year Seminar4
  - 1
- MTH 31
  - Calculus and Analytical Geometry I
  - 4
- PEA
  - Physical Education
  - 1

Subtotal: 42
TOTAL: 66

1ENG 1/ENG 2 & RDL 1/RDL 2 are no longer available. Students with ENG/RDL remedial needs will now enroll in corequisite course ENG 100 (If English Proficiency Index < 50), or ENG 110 (If English Proficiency Index = 50-64).

2Reserved for students who have English remedial need, and enroll in ENG 110 as a corequisite.

3See Degree map at: [http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/](http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/) for semester-by-semester sequence.

4Students must take FYS 11 prior to earning 24 equated or degree credits. Students who have earned 24 or more equated or degree credits are permitted to use the one credit as a free elective. It is highly recommended that students take FYS 11 in their first or second semester.