**PATHWAYS**  
*Electronic Engineering Technology (A.A.S. Degree)*  
**FALL 2017-SPRING 2018**

**REMEDIAL SEQUENCE** (if required)  
- ESL 1 (8)  
- ESL 2 (6)  
- ESL 3 (6)  
- ENG 9 (4)

- ENG 1 (4)  
- ENG 2 (4)

- RDL 1 (4)  
- RDL 2 (6)

- MTH 1 (4)  
- MTH 5 (6)  
- MTH 6 (6)

- CHM 2 (4)

**GRADUATION REQUIREMENTS**  
- Writing Intensive 1  
- Writing Intensive 2

**REQUIRED FRESHMAN SEMINAR**  
- FYS 11

**REQUIRED COMMON CORE**

- **A**  
  English Composition  
  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 REQUIREMENTS**

- **ART 10** or **MUS 10**  
  Art Survey OR Music Survey  
  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 Seminar  
  1

- **MTH 31**  
  Calculus and Analytical Geometry I  
  4

- **PEA**  
  Physical Education  
  1

**Subtotal:** 42

**TOTAL:** 66

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1. Students 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.