### PATHWAYS
#### Electronic Engineering Technology (A.A.S. Degree)
#### FALL 2015-SPRING 2016

**REMEDIAL SEQUENCE (if required)**
- [ ] ESL 1 (8)
- [ ] ESL 2 (6)
- [ ] ESL 3 (6)
- [ ] ENG 9 (4)
- [ ] ENG 4 (4)
- [ ] ENG 2 (4)
- [ ] RDL 1 (4)
- [ ] RDL 2 (6)
- [ ] MTH 1 (4)
- [ ] MTH 5 (6)
- [ ] MTH 6 (6)
- [ ] CHM 2 (4)

**GRADUATION REQUIREMENTS**
- [ ] CAT-R
- [ ] CAT-W
- [ ] CAT-M
- [ ] GPA ≥ 2.0
- [ ] Writing Intensive 1
- [ ] Writing Intensive 2

**FRESHMEN SEMINAR**
- [ ] FYS 11 / OCD 1

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**REQUIRED COMMON CORE**
- [ ] **A** English Composition
  - ENG 10 OR ENG 11; AND ENG 12  
  - 6
- [ ] **B** Mathematical and Quantitative Reasoning
  - MTH 30 Pre-Calculus Mathematics  
  - 4
- [ ] **C** Life and Physical Sciences
  - PHY 11 College Physics I  
  - 4

**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

**REQUIRED AREA OF STUDY**
- [ ] **PEA** Physical Education  
  - 1
- [ ] **ART 10** or **MUS 10** Art Survey OR Music Survey  
  - 1
- [ ] **MTH 31** Calculus and Analytical Geometry I  
  - 4
- [ ] **FYS 11** First Year Seminar  
  - 1

**SPECIALIZATION REQUIREMENTS**
- [ ] **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

Subtotal: 35
TOTAL: 66

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1Students 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.

This document is for advisement purposes only and does not represent an official listing of degree requirements; please consult the college catalog and the on-line degree audit.

(Reviewed/Revised 04/2015)