

## PATHWAYS

### Electronic Engineering Technology (A.A.S. Degree)

FALL 2019-SPRING 2020

#### 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

CAT-R  CAT-W  CAT-M  GPA ≥ 2.0

Writing Intensive 1  Writing Intensive 2

#### REQUIRED FRESHMAN SEMINAR

FYS 11

<sup>1</sup>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.

#### REQUIRED COMMON CORE

<input type="checkbox"/> A	English Composition ENG 110 OR ENG 111; AND ENG 112	6
<input type="checkbox"/> B	Mathematical and Quantitative Reasoning MTH 30 Pre-Calculus Mathematics	4
<input type="checkbox"/> C	Life and Physical Sciences PHY 11 College Physics I	4
<b>Subtotal:</b>		<b>14</b>

#### FLEXIBLE COMMON CORE

<input type="checkbox"/> A	World Cultures and Global Issues HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World	3
<input type="checkbox"/> D	Individual and Society COMM 11 Fundamentals of Interpersonal Communication	3
<input type="checkbox"/> E	Scientific World PHY 12 College Physics II	4
<b>Subtotal:</b>		<b>10</b>

#### MAJOR REQUIREMENTS

<input type="checkbox"/> ART 10 OR MUS 10	Art Survey OR Music Survey	1
<input type="checkbox"/> ELC 11	DC Circuit Analysis	4
<input type="checkbox"/> ELC 15	Computer Applications in Technology	2
<input type="checkbox"/> ELC 18	Computer Programming for Engineering Technology	2
<input type="checkbox"/> ELC 21	AC Circuit Analysis	4
<input type="checkbox"/> ELC 25	Electronics I	4
<input type="checkbox"/> ELC 35	Electronics II	4
<input type="checkbox"/> ELC 51	Electronics Control	3
<input type="checkbox"/> ELC 81	Electronics Communications	4
<input type="checkbox"/> ELC 94	Laser and Fiber Optic Communications	4
<input type="checkbox"/> ELC 96	Digital System I	4
<input type="checkbox"/> FYS 11 <sup>1</sup>	First Year Seminar	1
<input type="checkbox"/> MTH 31	Calculus and Analytical Geometry I	4
<input type="checkbox"/> PEA	Physical Education	1
<b>Subtotal:</b>		<b>42</b>
<b>TOTAL :</b>		<b>66</b>