ELECTRICAL AND COMPUTER ENGINEERING TECHNOLOGY - AAS (2313)

Division: Mathematics, Engineering Technologies and Computer Sciences (METCS) Division

Code	Title	Credits
General Education Requirements (22 Credits)		
Written & Oral Communication (6)		
ENG 101	College Composition I	3
ENG 105	Technical Writing	3
Quantitative/Scientific Knowledge, Skills & Reasoning (7)		
MTH 114	Unified Calculus I	3
PHY 101	College Physics I	4
Society & Human Behavior (6)		
ECO 101	Principles of Economics I	3
Select One of the Following:		3
ANT 101, ANT 105, ECO 102, POL 104, PSY 101,		
PSY 102, PSY 219, SOC 101, SOC 108, SOC 219		
Historical Perspective (3)		
Select any History (HST) Course		3
Major Course Requirements (35 Credits)		
ELC 115	Electric Circuits: DC and AC	3
ELC 120	Fundamentals of Analog ELC	3
ELC 218	Pulse and Digital Circuits	3
ELC 222	Intro to Communication Systems	3
ELC 228	Intro to Microprocessors	3
ENR 100	Fund. of Engineering Design	2
MTH 213	Unified Calculus II	3
PHY 102	College Physics II	4
Approved Technical Electives		11
Additional Course Requirements (5 Credits)		
CSC 106	Roadmap to Computing Engineers	3
ENR 103	Engr. Graphics & Intro. to CAD	2
Total Credits		**62**

- Approved technical electives should be selected after consultation with an academic advisor.

Notes:

1. For an explanation of why General Education courses are included in this Program, please refer to the Section on General Education for an explanation of its Purpose and Requirements.
2. This plan assumes the student is eligible to enroll in College Level Courses (designated as 100 +, e.g., ENG 101 College Composition I, HST 101 World Civilization I, MTH 100 Intro. to College Mathematics). Placement results will determine College Level Readiness in English and Mathematics.