

## Electrical Engineering Technology, B.S.

Southern Polytechnic College of Engineering and Engineering Technology

Year 1 - Fall (14 credits)	Credits	Year 1 - Spring (17 credits)	Credits
ENGL 1101: English Composition I [A1]	3	ENGL 1102: English Composition II [A1]	3
MATH 1113: Pre-Calculus [A2]	3	MATH 1190: Calculus I [D1]	4
General Education – Cultural Perspectives [B2]]	3	ECET 1101 + Lab: Circuits I	4
ECET 1001: Orientation	1	ECET 1200 + Lab: Digital I	4
ECET 1012 + Lab: Design Fundamentals	2	EDG 1210: Survey of Engineering Graphics [F]	2
ECON 1000: Contemporary Economic Issues [B1]	2		
Total	14	Total	17
Year 2 - Fall (16 credits)	Credits	Year 2 - Spring (18 credits)	Credits
PHYS 2211 + Lab: Principles of Physics I [D2]	4	PHYS 2212 + Lab: Principles of Physics II [D2]	4
MATH 2202: Calculus II [F]	4	MATH 2306: Ordinary Differential Equations [F] †	3
ECET 2111+ Lab: Circuits II	4	TCOM 2010: Technical Writing [F]	3
ECET 2300 + Lab: Electronics I	4	ECET 2210 + Lab: Digital II	4
		ECET 2310 + Lab: Electronics II	4
Total	16	Total	18
Year 3 - Fall (16 credits)	Credits	Year 3 - Spring (17 credits)	Credits
CHEM 1211 + Lab: General Chemistry I [F]	4	General Education – World History [E3]	3
ECET 3400+ Lab: Data Communications	4	General Education – Arts and Cultures of the World [C2]	3
ECET 3410 + Lab: High Frequency Systems	4	ECET 3500 + Lab: Survey of Electric Machines	4
ECET 3620 + Lab: Signals & Systems Analysis	4	ECET 3710 + Lab: Hardware Programming & Interfacing	4
		Upper-Division ECET Elective (1 of 3)	3
Total	16	Total	17
Year 4 - Fall (17 credits)	Credits	Year 4 - Spring (13 credits)	Credits
General Education – Literature of the World [C1]	3	General Education – Social Sciences [E4]	3
POLS 1101: American Government [E1]	3	General Education – US History [E2]	3
ECET 3600 + Lab: Test Engineering	4	Upper-Division ECET Elective (3 of 3)	3
ECET 4610 + Lab: Control Systems	4	ECET 4900: Senior Capstone Design Project Δ	4
Upper-Division ECET Elective (2 of 3)	3		
Total	17	Total	13

Program Total: 128 Credit Hours

**\*Recommended General Education Course †Milestone ΔRequired Elective**

This academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Missing milestones could delay your program. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This map is not a substitute for academic advisement. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.