

Industrial Engineering Technology
Southern Polytechnic College of Engineering & Engineering Technology
8 Semester Plan

Year 1 - Fall (16 credits)	Credits	Year 1 - Spring (17 credits)	Credits
ENGL 1101- Composition I [A1]	3	ENGL 1102- Composition II [A1]	3
MATH 1113- Pre-Calculus or Higher [A2]	3	MATH 1190- Calculus or Higher [D1]	4
POLS 1101- American Governments [E1]	3	General Education- Science Processes (STEM) [D2]	4
General Education- Cultural Perspectives [B2]	3	General Education- U.S. History [E2]	3
General Education- World History [E3]	3	IET 2227- Introduction to Statistics	3
IET 1000- Orientation	1		
TOTAL	16	TOTAL	17
Year 2 - Fall (16 credits)	Credits	Year 2 - Spring (16 credits)	Credits
General Education- Science Processes (STEM) [D2]	4	General Education- Literature of the World [C1]	3
EDG 1210- Survey of Engineering Graphics †	2	General Education- Arts & Culture of the World [C2]	3
IET 2305- The Role of IET in Industrial Systems	4	General Education- Social Sciences [E4]	3
IET 2449- Logistics & Supply Chain Management	3	IET 3403- Advanced Statistics w/ Application	3
IET 3339- Statistical Quality Control	3	Area F Science Elective	4
TOTAL	16	TOTAL	16
Year 3 - Fall (16 credits)	Credits	Year 3 - Spring (18 credits)	Credits
TCOM 2010- Technical Writing	3	IT 1113- Programming Principles	3
ACCT 2100- Intro to Financial Accounting or IET 2432- Intro to Managerial Costing †	3	IET 3356- Quality Concepts & Design Systems	3
IET 3322- Work Measurement & Ergonomics †	4	IET 4135- IET Project Management	3
IET 3424- Engineering Economy	3	IET 3433- Product & Process Costing †	3
Free Elective (1 of 2)	3	Upper- Division Elective (1 of 3)	3
TOTAL:	16	TOTAL:	15
Year 4 - Fall (16 credits)	Credits	Year 4 - Spring (15 credits)	Credits
ECON 1000- Contemporary Economics Issues [B1]	2	IET 4151- Operations Management for Engineers	3
IET 4422- Facilities Design, Plant Layout, and Materials Handling †	4	IET 4475- Senior Project	3
IET 4115- Human Resources Management for Engineers	3	IET 4451- Systems Simulation	3
IET 4810- Ethics & Safety	1	IET 4405- Operations Research- Concepts, Models, and Methods	3
Upper- Division Elective (2 of 3)	3	Upper- Division Elective (3 of 3)	3
Free Elective (2 of 2)	3		
TOTAL:	16	TOTAL:	15

Program Total: 127 Credit Hours

***Recommended General Education Course †Milestone**

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.