

Supply Chain and Sales Engineering Technology (SCET)

Purdue Polytechnic Institute

School of Engineering Technology

Advising Worksheet

Disclaimer: The Purdue West Lafayette catalog is considered the source for academic and programmatic requirements for students entering programs during the corresponding Fall, Spring, and Summer semesters. The Advising Worksheet assists students in the development of an individualized 8-semester plan. Students are encouraged to use this worksheet and MyPurduePlan* (the online degree auditing tool) as they work with their academic advisor toward the completion of all their degree requirements.

Notification: Each student is ultimately responsible for knowing, monitoring, and completing all degree requirements.

An undergraduate degree in the Purdue Polytechnic Institute requires completion of the following degree requirements.

University Degree Requirements		
Minimum 2.0 Cumulative GPA	Minimum 120 Credits that fulfill degree requirements	32 Residency Credits (30000-level and above) at a Purdue University Campus
University Core Curriculum **		
https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html		
<ul style="list-style-type: none"> • Human Cultures: Behavioral/Social Science • Human Cultures: Humanities • Information Literacy • Oral Communication 	<ul style="list-style-type: none"> • Quantitative Reasoning • Science • Science, Technology & Society Selective • Written Communication 	
Civics Literacy Proficiency		
https://www.purdue.edu/provost/about/provostInitiatives/civics/		
Required Major Program Courses (see following pages)		
Departmental specific requirement <ul style="list-style-type: none"> • ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF). • Students must earn a "D-" or better in all courses. • Minimum 2.0 cumulative GPA 		
Pass/No Pass option		
<ul style="list-style-type: none"> • Pass/No Pass grading for electives only; all other degree requirements must be taken for a grade. 		
Non-course/Non-credit Requirements		
<ul style="list-style-type: none"> • Complete a Professional Requirement. * Complete an Intercultural Requirement. 		

* This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements.

** University Core Curriculum Outcomes may be met through completions of the Purdue Polytechnic Institute curriculum. Students should Consult with their academic advisors and MyPurdue Plan for course selections.

School of Engineering Technology – Supply Chain & Sales Engineering Technology (SCET)
Fall 2024

Name:

PUID:

Minors:

Email:

Updated:

Advisor:

Suggested Arrangement of Courses

Fall 1 st Year	CR	Prerequisite	Status	Fulfilled by	Spring 1 st Year	CR	Prerequisite	Status	Fulfilled by
Technical Graphics Selective	2				ENGT 18200 Gateway to Engineering Technology	4	ALEKS 60, SAT 570, ACT 24, or MA 15300 or higher		
Computer Programming Selective	3				TLI 11200 Foundation of Organizational Leadership	3			
TECH 12000 Design Thinking in Tech.*	3				IET 21400 Introduction to Supply Chain Management Technology	3			
Mathematics Selective	3				Materials & Processes Selective	3			
Oral Communication Selective*	3				Written Communication Selective	3			
Total Credit Hours	14				Total Credit Hours	16			

Fall 2 nd Year	CR	Prerequisite	Status	Fulfilled by	Spring 2 nd Year	CR	Prerequisite	Status	Fulfilled by
ECET 22400 Electronic Systems	3	Math Selective			Lab Science Selective	3			
PHYS 22000 General Physics	4				STAT 30100 Elem Statistical Methods	3			
IET 23500 Intro to Systems Thinking & Process Improvement	3				IET 34200 Warehouse & Inventory Management	3			
MET 24500 Manufacturing Systems	3	Materials & Processes Selective & Technical Graphics Selective			ECON 21000 Principles of Economics	3			
MGMT 21200 Business Accounting	3				TLI 21300 Project Management	3			
Total Credit Hours	16				Total Credit Hours	15			

Fall 3 rd Year	CR	Prerequisite	Status	Fulfilled by	Spring 3 rd Year	CR	Prerequisite	Status	Fulfilled by
IET 44275 Global Trans & Logistics Mgmt	3	IET 21400, IET 34200 (concurrent)			IET 34350 Business to Business Sales Mgmt	3	IET 34300 (concurrent)		
IET 31600 Statistical Quality Control	3	Math Selective			IET 43640 Lean Six Sigma	3	IET 31600		
IET 34300 Technical & Service Selling	3				IET 43630 Design of Experiments	3	IET 31600 or STAT 30100		
Behavioral/Social Science Selective*	3				Technical Elective	3			
Humanities Selective*	3				Manufacturing Automation Selective	3			
Total Credit Hours	15				Total Credit Hours	15			

Fall 4 th Year	CR	Prerequisite	Status	Fulfilled by	Spring 4 th Year	CR	Prerequisite	Status	Fulfilled by
ENGT 48000 ET Capstone I	3	JR06 Standing, MET 24500, IET 43530 (concurrent), IET 43640 (concurrent)			ENGT 48100 ET Senior Capstone II	3	ENGT 48000		
IET 41400 Financial Analysis for Tech Sys.	3	MGMT 21200			IET 44500 Strategic Supply Chain Mgmt	3	IET 41400, IET 44275 (concurrent)		
IET 43530 Operations Plan & Mgmt	3	Math Selective			Advanced Oral Comm Selective	3			
Technical Elective	3				Free Elective	3			
Advanced Written Comm Selective	3				Free Elective	2			
Total Credit Hours	15				Total Credit Hours	14			

1. 120 semester credits and a 2.0 Graduation GPA are required for the Bachelor of Science degree.
2. Students must earn a "D-" or better in all courses unless otherwise noted. Free electives may be taken P/NP.
3. Courses at Purdue University may only be attempted a maximum of three (3) times, including W, WF, I, IF and all graded attempts.
4. 32 credit hours of 300-level or higher courses must be completed at Purdue University.
- 5a. Professional Requirement.
- 5b. Intercultural Requirement.
- 5c. Civics Literacy Requirement.

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The student is ultimately responsible for knowing and completing all degree requirements.
myPurduePlan is knowledge source for specific requirements and completion

Created 05/17/2024 - SH

Updated 04/10/2024 (effective Fall 2024)



Polytechnic Institute

2024-2025 SCET SUPPLEMENTAL INFORMATION

All prerequisites must be met.

TECHNICAL GRAPHICS SELECTIVE

MFET 10301 Geometric Modeling Applications
CGT 11000 Technical Graphics Communications
MFET 16300 Graphical Communication and Spatial Analysis
ENGT 10500 Intro to Engineering Design

WRITTEN COMMUNICATION SELECTIVE

ENGL 10600 First-Year Composition
ENGL 10800 Accelerated First-Year Composition
SCLA 10100 Transformative Text, Critical Thinking and Communication I: Antiquity to Modernity

ADVANCED ORAL COMMUNICATION SELECTIVE

COM 31400 Advanced Presentational Speaking
COM 31500 Speech Comm Of Tech Information
COM 31800 Principles Of Persuasion
COM 32000 Small Group Communication
COM 32400 Introduction To Org Communication
COM 32500 Interviewing: Principles And Practice
COM 41500 Discussion Of Technical Problems
COM 43500 Comm And Emerging Technologies

COMPUTER PROGRAMMING SELECTIVE

CNIT 10500 Introduction to C Programming
CNIT 15500 Introduction to Object-Oriented Programming
CNIT 15501 Introduction To Software Development Concepts
CNIT 17500 Visual Programming
CS 15900 Programming Applications for Engineers
CS 17700 Programming With Multimedia Objects
CS 18000 Problem Solving And Object-Oriented Programming
MET 16400 Computing In Engineering Technology

TECHNICAL ELECTIVE

Any Polytechnic Institute or Engineering (ENGR or EPCS) course not already required on the plan of study
ENTR 20000 Introduction To Entrepreneurship and Innovation
ENTR 31000 Marketing And Management For New Ventures
ENTR 31500 Business Planning For Social Entrepreneurship

FREE ELECTIVES

Any non-remedial course offered for credit at the University not already required/being used on the plan of study

HUMANITIES SELECTIVE

<http://www.purdue.edu/provost/initiatives/curriculum/course.html>

BEHAVIORAL SOCIAL/SCIENCE SELECTIVE

<http://www.purdue.edu/provost/initiatives/curriculum/course.html>

ORAL COMMUNICATION SELECTIVE

COM 11400 Fundamentals Of Speech Communication
SCLA 10200 Transformative Texts, Critical Thinking And Communication II: Modern World

MATERIALS & PROCESSES SELECTIVE

MET 14300 Materials & Processes I
MET 14400 Materials & Processes II

LAB SCIENCE SELECTIVE

ASTR 26300 Descriptive Astronomy: The Solar System
ASTR 26400 Descriptive Astronomy: Stars And Galaxies
BIOL 11000 Fundamentals Of Biology I
BIOL 11100 Fundamentals Of Biology II
BIOL 20300 Human Anatomy And Physiology
BIOL 20400 Human Anatomy And Physiology
BTNY 11000 Introduction To Plant Science
CHM 11100 General Chemistry
CHM 11200 General Chemistry
CHM 11500 General Chemistry
CHM 11600 General Chemistry
CHM 13600 General Chemistry Honors
EAPS 11100 Physical Geology
EAPS 11200 Earth Through Time
ENTM 22810 Forensic Investigation
ENTM 22820 Forensic Analysis
HORT 10100 Fundamentals Of Horticulture
PHYS 22100 General Physics
PHYS 27200 Electric And Magnetic Interactions

ADVANCED WRITTEN COMMUNICATION SELECTIVE

ENGL 30400 Advanced Composition
ENGL 30600 Intro To Professional Writing
ENGL 41900 Multimedia Writing
ENGL 42000 Business Writing
ENGL 42100 Technical Writing
ENGL 42400 Writing For High Technology Industries

MATHEMATICS SELECTIVE

MA 15800 Precalculus- Functions and Trigonometry
MA 16010 Applied Calculus I
MA 16020 Applied Calculus II
MA 16100 Plane Analytic Geometry & Calculus I
MA 16200 Plane Analytic Geometry & Calculus II
MA 16500 Analytic Geometry & Calculus I
MA 16600 Analytic Geometry & Calculus II

MANUFACTURING AUTOMATION SELECTIVE

MET 28400 Introduction to Industrial Controls
MFET 24800 Introduction to Robotics
MFET 30000 Applications of Automation in Manufacturing
MFET 34400 Automated Manufacturing Processes

Intercultural Requirement

All students must complete the School of Engineering Technology (Polytechnic) Growth Plan for Global Awareness and Intercultural Competency at the Developmental Level (see below). Students who are interested in further developing their Global Awareness and Intercultural Competency are encouraged to complete the requirement at the Emerging Level or the Proficient Level (see advisor for more information).

NOTE FOR TRANSFER/CODO STUDENTS: Transfer and CODO students with less than 75 credit hours remaining to complete their Polytechnic Plan of Study are exempt from Step 1 (taking the IDI Pretest).

Step 1:		Complete the Pre-test Intercultural Development Inventory Assessments (1st year)
Step 2:		<p>Complete one (1) of the following global experiences: * *Global</p> <p>experiences must take place during the time of enrollment in Polytechnic to complete Step 2. Experiences taken place prior to a student's initial enrollment will not serve to complete Step 2. Intercultural competencies gained on experiences prior to Polytechnic enrollment will be captured as baseline data on a student's IDI.</p> <ul style="list-style-type: none"> - Participate in A Purdue University international capstone, collaborative project - Participate in an international internship (international location) - Participate in a full semester abroad program - Complete 3 credit hours from the Polytechnic list of recommended Global/Cultural courses
Step 3:		Complete the Post-test Intercultural Development Inventory Assessments (4th year)

Approved list of courses

AAS 27100 Introduction To African American Studies
 AAS 35900 Black Women Writers
 AAS 37100 The African American Experience
 AAS 37300 Issues In African American Studies
 AAS 37500 The Black Family
 AAS 47300 Blacks In Hollywood Film
 AGE 53200 World Food Problems
 AGR 20100 Communicating Across Culture
 AMST 10100 America And The World
 ANTH 20300 Biological Bases Of Human Social Behavior
 ANTH 20500 Human Cultural Diversity
 ANTH 21000 Technology And Culture
 ANTH 21200 Culture, Food And Health
 ANTH 23000 Gender Across Cultures
 ANTH 28200 Introduction To LGBTQ Studies
 ANTH 32700 Environment And Culture
 ANTH 34000 Global Perspectives On Health
 ANTH 34100 Culture And Personality
 ANTH 35800 African Cultures
 ANTH 36800 Sociolinguistic Study Of African American English
 ANTH 37000 Ethnicity And Culture
 ANTH 37300 Anthropology Of Religion
 ANTH 37800 Archaeology And Cultural Anthropology Of Mesoamerica (Mexico, Belize And Guatemala)
 ANTH 37900 Native American Cultures
 ANTH 40400 Comparative Social Organization
 ARAB 23900 Arab Women Writers
 ARAB 28000 Arabic Culture
 ARAB 28100 Introduction To Islamic Civilization And Culture
 ARAB 33400 North African Literature And Culture

ASAM 24000 Introduction To Asian American Studies
ASAM 34000 Contemporary Issues In Asian American Studies
ASL 28000 American Deaf Community: Language, Culture, And Society
AT 23300 Ethics And Aviation
CDIS 23900 Introduction To Disability Studies
CGT 28500 Cross Cultural Game Development
CHNS 28000 Topics in Chinese Civilization and Culture
CHNS 28100 Introduction To Chinese Food Culture
CHNS 33000 Introduction To Chinese Cinema
CM 33200 Architectural Design, Construction Techniques And Society
CMPL 23700 Our Common Bond: Languages And Cultures In A Global Context
CNIT 32000 Policy, Regulation, And Globalization In Information Technology
COM 22400 Communicating In The Global Workplace
COM 30300 Intercultural Communication
COM 32000 Small Group Communication
COM 32800 Diversity At Work: A Rhetorical Approach
COM 37200 Communication In Relationships
COM 37600 Communication And Gender
COM 38100 Gender And Feminist Studies In Communication
COM 41200 Theories Of Human Interaction
COM 41600 United States Politics And The Media
COM 42300 Leadership, Communication And Organizations
COM 46400 American Political Communication
COM 52700 Introduction To Cultural Studies In Communication
COM 57400 Organizational Communication
CSR 34400 Fundamentals Of Negotiations
CSR 52400 International Health
ECET 38001 Global Professional Issues In Engineering Technology
EDPS 21200 Collaboration And Family Engagement To Support Students With Disabilities
EDPS 23500 Learning And Motivation
EDPS 26500 The Inclusive Classroom
EDPS 31500 Collaborative Leadership: Interpersonal Skills
EDPS 31600 Collaborative Leadership: Cross-Cultural Settings
EDST 51200 Foundations Of Educational Policy
ENGL 21800 Figures Of Myth And Legends II: Heroes And Villains
ENGL 22500 Literature, Inequality, And Injustice
ENGL 22800 Language And Social Identity
ENGL 22900 Creole Languages And Cultures
ENGL 25700 Literature Of Black America
ENGL 28000 Games, Narrative, Culture
ENGL 33000 Games And Diversity
ENGL 35200 Native American Literature
ENGL 35400 Asian American Literature
ENGL 35800 Black Drama
ENGL 35900 Black Women Writers
ENGL 36000 Gender And Literature
ENGL 36600 Postcolonial Literatures
ENGL 43900 Topics In Disability Studies
ENGL 46600 Cultural Encounters
ENGR 31000 Engineering In Global Context
ENTR 47000 Women And Leadership
FNR 48800 Global Environmental Issues
GSLA 10100 Global Awareness
GSLA 30100 Theories Of Global Studies
HDFS 20100 Introduction To Family Processes

HDFS 22500 Human Development Across Cultures
HDFS 28000 Diversity In Individual And Family Life
HEBR 38000 Israel And The Modern World: Cinema, Literature, History And Politics
HEBR 38500 The Holocaust In Modern Hebrew Literature
HIST 10500 Survey Of Global History
HIST 19500 The Historian's Craft: Historical Research And Film
HIST 21000 The Making Of Modern Africa
HIST 21100 The Global Field: World Soccer And Global History
HIST 30000 Eve Of Destruction: Global Crises And World Organization In The 20th Century
HIST 31205 The Arab-Israeli Conflict
HIST 31405 Science, Technology, Engineering And Mathematics (STEM) And Gender
HIST 31505 American Beauty
HIST 31905 Christianity In The Global Age
HIST 32900 History Of Women In Modern Europe
HIST 33400 Science And Society In Western Civilization II
HIST 33805 History Of Human Rights
HIST 34505 Arabs In American Eyes
HIST 35000 Science And Society In The Twentieth Century World
HIST 35700 History Of Southern Africa Since 1400
HIST 35900 Gender In East Asian History
HIST 36000 Gender In Middle East History
HIST 36600 Hispanic Heritage Of The United States
HIST 37100 Society, Culture, And Rock And Roll
HIST 37700 History And Culture Of Native America
HIST 38105 American Indians And Film
HIST 38605 Land Of The Indians: Native Americans In Indiana
HIST 38700 History Of The Space Age
HIST 39800 The Afro-American Since 1865
HIST 46900 Black Civil Rights Movement
HIST 47005 Women And Health In America
HIST 47700 Native American Women's History
HIST 48800 History Of Sexual Regulation In The United States
HIST 49400 Science And Society In American Civilization
HK 57600 Diversity And Health
ITAL 28000 Italian Culture And Civilization
ITAL 28100 The Italian Renaissance And Its Scientific And Cultural Impact On Western Civilization
JPNS 28000 Introduction To Modern Japanese Civilization
LALS 25000 Introduction To Latin American And Latino Studies
LALS 26000 U S Latino Culture
LC 23300 Love, Sex, And Gender In Western European Literature
LC 23700 Our Common Bond: Languages And Cultures In A Global Context
LC 36800 Sociolinguistic Study Of African American English
LING 36800 Sociolinguistic Study Of African American English
LING 57600 Latin American Indigenous Languages And Cultures
MET 52700 Technology From A Global Perspective
MGMT 33100 Development And Impact Of Equal Employment Law
MUS 37600 World Music
NUTR 53200 World Food Problems
OBHR 54100 Leading Management Of Diversity And Inclusion In Organizations
PHIL 11400 Global Moral Issues
PHIL 20700 Ethics For Technology, Engineering, And Design
PHIL 22500 Philosophy And Gender
PHIL 23000 Religions Of The East
PHIL 23100 Religions Of The West
PHIL 24000 Social And Political Philosophy

PHIL 24200 Philosophy, Culture, And The African American Experience
POL 13000 Introduction To International Relations
POL 14100 Governments Of The World
POL 22200 Women, Politics, And Public Policy
POL 23100 Introduction To United States Foreign Policy
POL 23500 International Relations Among Rich And Poor Nations
POL 32600 Black Political Participation In America
POL 32700 Global Green Politics
POL 33500 China And The Challenges Of Globalization
POL 36000 Women And The Law
POL 41300 The Human Basis Of Politics
POL 42300 International Environmental Policy
POL 43300 International Organization
POL 43801 International Human Rights
PSY 23900 The Psychology Of Women
PSY 24400 Introduction To Human Sexuality
PSY 33700 Social Cognition
PTGS 33000 Brazilian, Portuguese, And African Cinema
PUBH 22500 Contemporary Women's Health
PUBH 51100 International Health
REL 23000 Religions Of The East
REL 23100 Religions Of The West
RUSS 33000 Russian And East European Cinema
RUSS 38000 Russian Culture And Civilization I
RUSS 38100 Russian Culture And Civilization II
SOC 10000 Introductory Sociology
SOC 22000 Social Problems
SOC 26700 Religion In The Modern World
SOC 31000 Race And Ethnicity
SOC 33800 Global Social Movements
SOC 33900 Introduction To The Sociology Of Developing Nations
SOC 35200 Drugs, Culture, And Society
SOC 35600 Hate And Violence
SOC 36700 Religion In America
SOC 36900 Religion And Chinese Society
SOC 41100 Social Inequality
SOC 42900 Sociology Of Protest
SOC 51400 Racial And Cultural Minorities
SYS 30000 It's A Complex World - Addressing Global Challenges
TECH 33000 Technology And The Global Society
TLI 11200 Foundations Of Organizational Leadership
TLI 35600 Global Technology Leadership
WGSS 28000 Women's, Gender, And Sexuality Studies: An Introduction
WGSS 28200 Introduction To LGBT Studies
WGSS 38000 Gender And Multiculturalism
WGSS 38100 Women Of Color In The United States
WGSS 38300 Women And Work
Any foreign language 20000 or higher (20100, 20200, 30100, 30200, 40100, 40200)
Any Purdue approved Study Abroad with a minimum of 3 credit hours that includes reflective learning assignments.

Professional Requirement

The SOET Professional Experience requirement is intended to document those experiences which help expose SOET students to the expectations of their profession prior to graduation. This may occur through industrial experience, technical or administrative involvement with community service, military service, et cetera. Approval has been granted for the following experiences.

Additional experiences may also satisfy this graduation requirement. Requests for approval should be submitted to the SOET Curriculum Subcommittee Chair for consideration, allowing at least four academic weeks for review and response.

Approved Professional Experiences

Approval by	Experience
Automatic	Any TECH Professional Practice course (co-op, intern, etc.)
Automatic	MET 29900 Internship for Credit
Automatic	EPICS courses, minimum of two
Advisor	Any approved internship (assuming student and/or employer provide documentation)
Advisor	Military service (ROTC, reservist, active duty, veteran)
Faculty	Supervised undergraduate research experiences or laboratory assistantships (e.g., employed in the AEL as lab technician)
Faculty	Independent study – by petition to ensure the project meets the spirit of the requirement
Faculty	Professional society/club activities (e.g., led the Solar Racing team) - by petition
Faculty	Any approved employment or industry project

Approval Key:

- Automatic – student participation in this professional experience is already documented through existing means

- Advisor – advisor reviews student’s experience to determine if it meets the spirit of the Professional Experience requirement.

- Faculty – designated committee reviews student’s experience to determine if it meets the spirit of the Professional Experience requirement