

MET SUPPLEMENTAL INFORMATION

All prerequisites must be met.

CGT SELECTIVE

CGT 11000 Technical Graphics Communications
CGT 16300 Graphical Communication and Spatial Analysis

PROGRAMMING SELECTIVE

CNIT 10500 Introduction to C Programming
CNIT 15500 Introduction to Object-Oriented Programming
CNIT 17500 Visual Programming

IT 10500 Intro to Engineering Design

CS 15800 C Programming
CS 15900 Programming Applications for Engineers

TECHNICAL SELECTIVE

A 300-400 level ENGR, ECET, MFET, CS or elective IET course.
A CHM, MA, PHYS or STAT course beyond what is required.
Any MET elective course
ANSC 230 Physiology of Domestic Animals
AT 27200 Intro to Composite Technology
AT 27800 Nondestructive Testing
AT 47800 Advanced Nondestructive Testing
BCHM 22100 Analytical Biochemistry
BCM 23000 Mechanical/Electrical Systems
BCM 31500 Mechanical Construction Estimating
BCM 38000 Concrete Construction
BIOL 20300 Human Anatomy and Physiology
BIOL 22100 Introduction to Microbiology
CGT 226 Intro to Constraint Based Modeling
CHM 11200/CHM 11600 General Chemistry II
CHM 22300 Principles of Biochemistry
CHM 48100 Environmental Chemistry

CE 35000 Environmental Engineering
CE 35500 Engineering Environmental Sustainability
ENTM 21800 Introduction to Forensic Sciences
FNR 30100 Wood Products/Wood Processes
FNR 31100 Wood Structure, Identification and Properties
FNR 41800 Properties fo Wood Related to Manufacturing
FNR 42500 Secondary Wood Products Manufacturing
FS 22200 Safety of Foods
HSCI 31200 Radiation Science Fundamentals
IE 47700 Work Methods and Measurement
IE 57700 Human Factors in Engineering
IT 33000 Industrial Sales and Sales Management
IT 34500 Automatic Identification and Data Capture
IT 35100 Occupational Safety and Health
IT 43400 Global Transportation and Logistics Management
MA 26100 Multivariate Calculus

MANAGEMENT SELECTIVE

AFT 35100 AF Leadership Studies I
AFT 36100 AF Leadership Studies II
ECET 38001 Global Professional Issues in ET
EDPS 31500 Leadership: Listening
EDPS 31600 Leadership: Cross-Cultural
EDPS 31700 Leadership: Mentoring
ENTR 31000 Marketing Management for New Ventures
MGMT 20000 Accounting Principles
MGMT 20010 Business Accounting
MGMT 45500 Legal Background for Business
MSL 20200 Leadership & Teamwork
MSL 30100 Leadership & Problem Solving
MSL 40100 Leadership & Management
NS 21400 Fundamentals of Leadership

NS 41300 Naval Leadership Management & Ethics
OLS 25200 Human Relations in Organizations
OLS 27400 Applied Leadership
OLS 28400 Leadership Principles
OLS 36400 Tech & the Organization
OLS 38600 Leadership for Org Change & Innov
PSY 27200 Intro to Industrial-Organizational Psych
TLI 11200 Foundations of Organizational Leadership
TLI 15200 Business Principles for Organizational Leadership
TLI 21300 Project Management
TLI 25300 Principles of Technology Strategy
TLI 25400 Leading Change in Technology Organizations
Approved Study Abroad Course

MET ELECTIVE (6 credit hours)

MET 30200 CAD in the Enterprise (Spring Only)
MET 31100 Experimental Strength of Materials (Fall only)
MET 31700 Machine Diagnostics (Spring Only)
MET 33400 Advanced Fluid Power (Spring Only)

MET 34900 Stringed Instrument Design and Manufacture
MET 38200 Controls and Instrumentation for Automation
(Spring Only)
MET 40000 Mechanical Design

MET 41100 Introduction to the Finite Element Method
(Spring Only)
MET 42100 Air Conditioning and Refrigeration (Fall only)
MET 42600 Internal Combustion Engines (Fall only)
MET 43200 Hydraulic Motion Control Systems (Spring Only)
MET 43600 Pneumatic Motion Control Systems (Fall only)

MET CAPSTONE SELECTIVE (3 credit hours)

MET 33400 Advanced Fluid Power (Spring Only)
MET 400 Mechanical Design
MET 42100 Air Conditional and Refrigeration (Fall only)
MET 43200 Hydraulic Motion Control Systems (Spring only)

GLOBAL/PROFESSIONAL SELECTIVE

ANTH 20500 Human Cultural Diversity
ANTH 34100 Culture & Personality
ARAB 28000 Arabic Culture
CHNS 28000 Selected Topics on China
CHNS 28500 Chinese Calligraphy
COM 22400 Communicating in the Global Workplace
COM 30300 Intercultural Communication
ECET 38001 Global Professional Issues In ET
EDPS 31600 Leadership: Cross-Cultural
FLL 23500 East Asian Literature in Translation
FLL 23900 Contemporary Foreign Women Writers in
Translation
FR 33000 French Cinema
GER 23000 German Folklore & Fairy Tales
GER 23000 German Literature in Translation
GER 330 German Cinema
HIST 30000 Eve of Destruction
HIST 33300 Science & Technology in Western Civilization I
HIST 33400 Science & Technology in Western Civilization II
HIST 35000 Science & Technology in Twentieth Century
World

FRESHMAN COMPOSITION

ENGL 10600

ECONOMICS/FINANCE SELECTIVE

CSR 3420 Personal Finance
ECON 2100 Principles of Economics
ECON 25100 Microeconomics

MET 44301 Joining Processes
MET 45100 Manufacturing Quality Control (Fall only)
MET 48600 Fundamentals of Motorsports
MET 490 Green Manufacturing and Sustainability
MET 49000 Multidisciplinary Capstone I (Fall only)
MET 49000 Multidisciplinary Capstone II (Spring Only)

MET 43600 Pneumatic Motion Control Systems (Fall only)
MET 49000 Multidisciplinary Capstone I (Fall only)
MET 49000 Multidisciplinary Capstone II (Spring Only)

HIST 36000 Gender in Middle East History
JPNS 28000 Introduction to Modern Japanese Civilization
MGMT 45500 Legal Background for Business
MSL 30200 Leadership & Ethics
MUS 37800 World Music
NS 41300 Naval Leadership Management & Ethics
OLS 45600 Tech & the Global Society
PHIL 20600 Philosophy of Religion
PHIL 29000 Environmental Ethics
PHIL 33000 Religions of the East
PHIL 33100 Religions of the West
POL 23100 Introductions to United States Foreign Policy
PSY 33500 Stereotyping & Prejudice
PTGS 33000 Brazilian, Portuguese & African Cinema
SOC 31000 Racial & Ethnic Diversity
SPAN 23500 Spanish American Literature in Translation
SPAN 33000 Spanish & Latin American Cinema
TECH 33000 Tech and the Global Society
Approved Study Abroad Course

ECON 25200 Macroeconomics
ENTR courses 20000 and 31000

HUMANITIES FOUNDATIONAL SELECTIVE: see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

BEHAVIORAL/SOCIAL SCIENCE FOUNDATIONAL SELECTIVE: see <http://www.purdue.edu/provost/initiatives/curriculum/course.html>