

Name: _____ PUID: _____ Date: _____

Departmental/Program Major Courses (36 credits)

- _____ (3) IT 10400 Industrial Organization
- _____ (3) IT 21400 Introduction to Lean Manufacturing
- _____ (3) IT 23000 Industrial Supply Chain Management
- _____ (3) IT 28100 Industrial Safety or IT 35100 Industrial Safety Advanced Industrial Safety and Health Management
- _____ (3) IT 34200 Introduction to Statistical Quality
- _____ (3) IT 34500 Automatic Identification and Data Capture
- _____ (3) IT 38100 Total Productive Maintenance
- _____ (3) IT 38500 Industrial Ergonomics
- _____ (3) IT 44200 Production Planning
- _____ (3) IT 44600 Six Sigma Quality
- _____ (3) IT 45000 Production Cost Analysis
- _____ (3) IT 48300 Facility Design for Lean Manufacturing

Other Departmental /Program Course Requirements (69 credits)

- _____ (5) MA Foundation Selective¹ (**satisfies Quantitative Reasoning for core**) (See Supplemental Information)
Possible Second Mathematics Foundation Selective if needed¹ (See Supplemental Information)
- _____ (3) Science Foundation Selective² (**satisfies Science for core**) (See Supplemental Information)
- _____ (3) Science Foundation Selective² (**satisfies Science for core**) (See Supplemental Information)
- _____ (4) PHYS 21800 General Physics
- _____ (3) STAT 30100 Elementary Statistical Methods
- _____ (3) TECH 12000 Design for Technology (**satisfies Science, Technology & Society Selective and Information Literacy for core**)
- _____ (3) TECH 32000 Technology and the Organization
- _____ (3) TECH 33000 Technology and the Global Society
- _____ (3) ECON 21000 (**satisfies Human Culture Behavioral/Social Science for core**)
- _____ (3) PSY 12000 Elementary Psychology
- _____ (3) Humanities Foundation Selective³ (**satisfies Human Cultures Humanities for core**) (See Supplemental Information)
- _____ (3) COM 11400 (**satisfies Oral Communication for core**)
- _____ (3) Written Communication Foundation Selective⁴ (**satisfies Written Communication for core**) (See Supplemental Information)
- _____ (3) Advanced Communication Selective⁵ (See Supplemental Information)
- _____ (3) Advanced Communication Selective⁵ (See Supplemental Information)
- _____ (3) AT 26300 Fluid Power Systems
- _____ (3) CGT 11000 Technical Graphics Communication
- _____ (3) CNIT 17500 Visual Programming
- _____ (3) ECET 22400 Electronic Systems
- _____ (3) Materials and Processes Selective⁶ (See Supplemental Information)
- _____ (3) MET 24500 Manufacturing Systems
- _____ (3) MFET 30000 Applications of Automation in Manufacturing

Free Electives⁷ (12 credits) and Technical Electives⁸ (3 credits) (See Supplemental Information)

_____ (FE) _____ (FE) _____ (TE)
_____ (FE) _____ (FE) _____

University Core Requirements (<http://www.purdue.edu/provost/initiatives/curriculum/course.html>)

Human Cultures Humanities	<input type="checkbox"/>	_____	Science, Technology & Society Selective	<input type="checkbox"/>	TECH 12000
Human Cultures Behavioral/Social Science	<input type="checkbox"/>	ECON 21000	Written Communication	<input type="checkbox"/>	ENGL 10600/10800
Information Literacy	<input type="checkbox"/>	TECH 12000	Oral Communication	<input type="checkbox"/>	COM 11400
Science Selective	<input type="checkbox"/>	_____	Quantitative Reasoning	<input type="checkbox"/>	MATH -
Science Selective	<input type="checkbox"/>	_____			

**The student is ultimately responsible for knowing and completing all degree requirements.
myPurdue Plan is the knowledge source for specific requirements and completion.**

Industrial Technology

Suggested Arrangement of Courses:

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	IT 10400		3	IT 21400	
3	PSY 12000		3	CGT 11000	
3	TECH 12000*		3	COM 11400*	
3	MA Foundation Selective ^{1*}		3	Materials & Processes Selective ⁶	
3	Written Communication Foundation Selective ^{4*}		3	Math Foundation Selective ¹	
15			15		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	IT 23000		3	ECET 22400	MA Selective
3	AT 26300	MA Selective	3	ECON 21000*	
3	CNIT 17500	MA Selective	3	MET 24500	CGT 11000, MA Selective, Mtls & Proc Selective
3	Humanities Foundation Selective ^{3*}		4	PHYS 21800 or PHYS 22000	MA Selective
3	Science Foundation Selective ^{2*}		3	Free Elective ⁷	
15			16		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	IT 34200	MA Selective	3	IT 34500	
3	IT 35100		3	IT 38500	MA Selective
3	MFET 30000	ECET 22400 MET 24500	3	STAT 30100	MA Selective
3	TECH 32000	TECH 12000	3	TECH 33000	TECH 12000
3	Advanced Communication Selective ⁵		3	Science Foundation Selective ^{2*}	
15			15		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
3	IT 38100	IT 21400, IT 34200, PHYS 21800	3	IT 48300	IT 44200, MET 24500
3	IT 44200		3	Free Elective ⁷	
3	IT 44600	IT 34200	3	Free Elective ⁷	
3	IT 45000	MA Selective	3	Free Elective ⁷	
3	Advanced Communication Selective ⁵		3	Technical Elective ⁸	
15			15		

*Fulfills University Core

- 1) 120 credits listed above are required for the IT Bachelor of Science degree.
- 2) 2.0 Graduation GPA required for Bachelor of Science degree.
- 3) 32 credits of upper division courses (30000 level or higher) must be taken at Purdue University, West Lafayette.
- 4) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).

See next page for all supplemental Information

The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is knowledge source for specific requirements and completion
