

# 883 - INDUSTRIAL TECHNOLOGY (B.S.)

Purdue College of Technology Columbus

Name: \_\_\_\_\_

Effective Fall 2007

ID #: \_\_\_\_\_

Semester 1 - FALL				Semester 2 - SPRING			
CR	T/YR	GRADE		CR	T/YR	GRADE	
IT 104	3		Industrial Organizations	IT 214	3		Intro to Lean Manufacturing
CGT 110	3		Technical Graphics Comm	C&IT 136	3		Personal Computing Technology &
ENG W131	3		English Composition I	ENG-W 132	3		or English Comp II OR
MATH 153/154	5-6		OR Math 159 Algebra & Trig	ENG-W 231	3		Professional Writing
MET 141	3		Materials I		3		Math or Computing Selective <sup>4</sup>
					3		Communication
<b>Total Credit Hours</b>			<b>17-18</b>	<b>Total Credit Hours</b>			<b>15</b>
Semester 3 - FALL				Semester 4 - SPRING			
CR	T/YR	GRADE		CR	T/YR	GRADE	
	3		Occupational Health & Safety	IT 230	3		Industrial Supply Chain Management
MET 242	3		Manufacturing and Processes		3		Technical Elective <sup>3</sup>
	3		Humanities or Social Science Elective		3		General Elective <sup>1</sup>
ECET 214	3		Electricity Fundamentals	ECON-E 201	3		Microeconomics
PHYS 218	4		General Physics I		3		General Elective <sup>1</sup>
<b>Total Credit Hours</b>			<b>16</b>	<b>Total Credit Hours</b>			<b>15</b>
Semester 5 - FALL				Semester 6 - SPRING			
CR	T/YR	GRADE		CR	T/YR	GRADE	
IT 342	3		Introduction to Statistical Quality	IT 385	3		Industrial Ergonomics
	3		Manufacturing		3		Technical Elective (300 Level or above) <sup>3</sup>
	3		Technical Elective <sup>3</sup>		3		Technical Elective (300 Level or above) <sup>3</sup>
	3		Technical Elective <sup>3</sup>		4		Science Selective <sup>2</sup>
	3		above) <sup>5</sup>		3		General Elective <sup>1</sup>
<b>Total Credit Hours</b>			<b>15</b>	<b>Total Credit Hours</b>			<b>16</b>
Semester 7 - FALL				Semester 8 - SPRING			
CR	T/YR	GRADE		CR	T/YR	GRADE	
IT 442	3		Production Planning	IT 483	3		Facility Design for Lean Manufacturing
IET 451	3		Monetary Analysis for Industrial		3		Technical Elective (300 Level or above) <sup>3</sup>
	3		Decisions or IT 450 Production Cost Analysis		3		Technical Elective (300 Level or above) <sup>3</sup>
	3		Technical Elective (300 Level or above) <sup>3</sup>		3		General Elective <sup>1</sup>
	3		Science Selective <sup>2</sup>		3		Math or Computing Selective <sup>4</sup>
	3		General Elective <sup>1</sup>		0		CAND 991 <sup>6</sup>
<b>Total Credit Hours</b>			<b>15</b>	<b>Total Credit Hours</b>			<b>15</b>

BS TOTAL CREDIT HOURS (as listed) 124-125

(Minimum Required 122)

**DEPARTMENTAL POLICIES:** It is the responsibility of each student to assure that he/she schedules the and courses to meet graduation requirements. Questions may be directed to your academic advisor.necessary prerequisites

<sup>1</sup>**General Electives** - Courses from any discipline at the 100-400 level.

<sup>2</sup>**Science Electives** - Science Electives are courses taken from the following disciplines (can be 3 or 4 credit hours):

Astronomy (AST) Biology (BIOL) Chemistry (CHEM) Geology (GEOL) Physics (PHYS)

<sup>3</sup>**Technical Electives** - Courses taken from the following disciplines:

Computer Graphics Technology (CGT) Computer & Information Technology (C&IT) Electrical & Computer Engineering Technology (ECET)

Industrial Technology (IT) Mechanical Engineering Technology (MET)

<sup>4</sup>**Math and Computing Selectives** - Math and Computer Selectives are courses taken from the following disciplines:

Computer & Information Technology (C&IT) Computer Science (CSCI) Mathematics - above the level of Math 159

<sup>5</sup>**Communication Selectives** - Any COMM 300 level or above

<sup>6</sup>**CAND 991** - Students MUST enroll in CAND 991 in conjunction to their last course(s) for graduation. This is the student's application for graduation. There are no fees for this course. No class attendance is required and no grade will be assigned.