

**Engineering Physics Major
Industrial Technology Option**

Suggested Plan of Study

2007-2008 Catalog

Fall – Semester 1		Spring - Semester 2	
ENGL 1023 Composition I	3	ENGL 1123 Composition II	3
GSTD 1002 Freshman Seminar	2	MATH 1033 Plane Trigonometry	3
MATH 1023 College Algebra	3	HIST 2013 or 2023 U.S. History I or II	3
SPCH 1113 Introduction to Public Speaking	3	PHED 1501 Activity & Wellness	1
Social Science choice (GEOG 2003, PSCI 2003, PSYC 2003, ECON 2103, or SOC 1003 or 2003)	3	CHEM 1113/1111 College Chemistry II/Lab	4
CHEM 1013/1011 College Chemistry I/Lab	4	Basic Tech Core Elective	3
Total Semester Hours	18	Total Semester Hours	17
Fall - Semester 3		Spring - Semester 4	
ENGL 2213 World Literature I	3	ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
PHYS 2003/2001 General Physics I/Lab	4	PHYS or ITEC Elective	4
CSCI 1102/1101 Introduction to Computing/Lab	3	BSCI 1103/1011 Biological Science/Lab	4
Humanities choice (ART 2013, MUS 2013, or Foreign Language)	3	AGEN Elective/Lab	3
HIST 1003 or 1013 World History I or II	3	Engineering Elective	3
PHED 1__1 PE Activity	1		
Total Semester Hours	17	Total Semester Hours	17
Fall - Semester 5		Spring - Semester 6	
CSCI 2103 Computer Science I	3	ITEC 3503 Computational Methods of Industrial Technology	3
Social Science choice (GEOG 2003, PSYC 2003, PSCI 2003, ECON 2103, or SOC 1003 or 2003)	3	ENGR 2023 Fundamentals of Manufacturing Processes	3
Humanities choice (ART 2013, MUS 2013, or Foreign Language)	3	ITEC 4123 Computer Aided Manufacturing	3
MATH 2123 Applied Calculus for Technology	3	ITEC 3032 Industrial Safety	2
ENGR Elective	4	MATH 3043 Introduction to Applied Probability & Statistics	3
		Basic Tech Core Elective	3
Total Semester Hours	16	Total Semester Hours	17
Fall - Semester 7		Spring - Semester 8	
PSYC 4023 Industrial & Organizational Psychology	3	UL ENGR Engineering elective	3
ITEC 4004 Manufacturing Policy & Ethics	4	ITEC 3003 Quality Control	3
ITEC 4044 Advanced Manufacturing Systems	4	ITEC 3012 Maintenance	2
UL Elective (ENGR, GBUS, MGMT, or MIS)	3	ITEC 3023 Production & Inventory Control	3
		ITEC 3063 Introduction to Industrial Management	3
		ITEC 3043 Work Analysis	3
Total Semester Hours	14	Total Semester Hours	17

Total hours required for Major – 133

Note: Refer to catalog for departmental electives.