

COLLEGE: Engineering
DEPARTMENT: Nuclear Engineering and Industrial Management
DEGREE: Bachelor of Science Technology (B.S.Tech.)
MAJOR: Industrial Technology

Name _____ UI ID# _____ ISU# _____

Email _____ Telephone# _____ Catalog Year _____ Advisor _____

The minimum number of credits for the degree is 122.

GENERAL EDUCATION REQUIREMENTS

This section includes university-wide state board core and college requirements

	Credits	Completed	Date
ENGLISH AND COMMUNICATION			
Prerequisite: ENGL 101 Introduction to College Writing	(3)	()	_____
ENGL 102 College Writing and Rhetoric	(3)	()	_____
ENGL 317 Technical Writing	(3)	()	_____
Oral Communication	(2)	()	_____
BEHAVIORAL AND SOCIAL SCIENCE			
Humanities (2 courses required)			
Elective	(3)	()	_____
Elective	(3)	()	_____
American Diversity (1 course required)	(3)	()	_____
International (1 course required)	(3)	()	_____
Senior Experience (1 course required)	(3)	()	_____
<i>INDT 485 Industrial Technology Capstone II</i>			
Social Sciences (2 courses required)			
PSYC 101 Introduction to Psychology	(3)	()	_____
ECON 202 Principles of Economics	(3)	()	_____
NATURAL SCIENCE			
PHYS 111 and 111L General Physics I and Lab.....	(4)	()	_____
PHYS 112 and 112L General Physics II and Lab	(4)	()	_____
CHEM 111 and 111L General Chemistry I and Lab.....	(4)	()	_____
MATHEMATICS			
Prerequisites: <i>MATH 143 College Algebra</i>	(3)	()	_____
MATH160 Survey of Calculus or Math 170 Analytic Geometry & Calc I	(4)	()	_____
STAT 251 Statistical Methods.....	(3)	()	_____

INDUSTRIAL TECHNOLOGY

The Industrial Technology Bachelor of Science degree program is designed to provide students with the opportunity to develop in-depth knowledge and hands-on experience in basic and advanced industrial processes, procedures, planning, and management.

The degree program requires 122 credits and includes the university requirements ([regulation J-3](#)). There are 98 credits of required courses and 24 credits of electives. Of the 24 elective credits, 13 are technical electives and 11 free electives.

To graduate in this program, all students are required to take the Certified Technology Manager (CTM) exam. Passing the CTM exam is not a requirement; students only need to show proof that they have taken the exam.

The required courses for this program are:

	Credits	Completed	Date
MHR 311 Introduction to Management	(3)	()	_____
ENGR 105 Engineering Graphics.....	(2)	()	_____
INDT 310 Introduction to Industrial Technology	(3)	()	_____
INDT 311 Problems in Industrial Technology.....	(1)	()	_____
INDT 332 Introduction to Electrical and Digital Electronics	(4)	()	_____
INDT 333 Industrial Electronics	(3)	()	_____
INDT 350 Introduction to Materials Science	(3)	()	_____
INDT 353 Manufacturing Systems	(3)	()	_____
INDT 362 Behavior Based Safety.....	(3)	()	_____
INDT 415 Impact of Technology on Society	(3)	()	_____
INDT 434 Power Generation and Distribution	(3)	()	_____
INDT 435 Network Administration	(3)	()	_____
INDT 442 Systems Integration	(3)	()	_____
INDT 443 Government Contract Law	(3)	()	_____
INDT 444 Quality Assurance Organizational and Management.....	(3)	()	_____
INDT 448 Project & Program Management	(3)	()	_____
INDT 446 Labor Law	(3)	()	_____
INDT 453 Computer Integrated and Robotics Manuf. Technology.....	(3)	()	_____
INDT 462 Industrial Safety	(3)	()	_____
INDT 484 Industrial Technology Capstone I (Fall)	(3)	()	_____
INDT 485 Industrial Technology Capstone II (Spring).....	(3)	()	_____
ELECTIVE Free Elective	(3)	()	_____
ELECTIVE Free Elective	(3)	()	_____
ELECTIVE Free Elective	(3)	()	_____
ELECTIVE Free Elective	(2)	()	_____
ELECTIVE Technical Elective	(3)	()	_____
ELECTIVE Technical Elective	(3)	()	_____
ELECTIVE Technical Elective	(3)	()	_____
ELECTIVE Technical Elective	(3)	()	_____
ELECTIVE Technical Elective	(1)	()	_____

TECHNICAL COMPETENCY (24 credits maximum):

Elective credit can also be obtained through Technical Competency. Up to 24 credits can be obtained in this manner.

INDT 407	()	()	_____
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Human Safety Performance Certificate (Req. 12 credits for the certificate):

INDT 362 Behavior Based Safety	(3)	()	_____
INDT 464 Human Performance Fundamentals.....	(3)	()	_____
INDT 466 Human Performance Field Investigation.....	(3)	()	_____
INDT 462 Industrial Safety	(3)	()	_____