

MILLERSVILLE UNIVERSITY

Student Name: _____ Student I.D.# _____

DEGREE: BS	MAJOR REQUIREMENTS FOR A BS DEGREE IN
MAJOR: AETM	APPLIED ENGINEERING & TECHNOLOGY
OPTION: Construction	MANAGEMENT
Management	Total credit hours required: 120.0 minimum

REQUIREMENTS AND POLICIES FOR THE BS APPLIED ENGINEERING & TECHNOLOGY MANAGEMENT MAJOR

A. Policies for Admission to the Major

1. New students (freshmen and transfers) must be admitted to the Applied Engineering & Technology Management major by the Office of Admissions upon admission to the University.
2. Admission into the Applied Engineering & Technology Management major from other departments is upon approval of the chairperson of the Applied Engineering, Safety & Technology Department.
3. Non-degree and continuing education students must be admitted to the Applied Engineering & Technology Management major by the Office of Admissions.

B. Policies for Retention in the Major

1. University requirements for retention.

C. Policies for Completion of the Major

1. Completion of all University curricular requirements.
2. English 312, 316, 318, or 319 satisfies the upper-level writing course requirement under the General Education Curriculum.

Note to the student: *This form is provided as a guide. It is your responsibility to consult regularly with your advisor to be aware of changes and curriculum details which are not incorporated on this form.*

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS APPLIED ENGINEERING & TECH MGMT**
 Option: **Construction Management**
 Major Field Requirements: **60.0 credits**
 Other Requirements: **22.0 - 24.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Course No.	Short Title	C.H.	Grade
DEPARTMENTAL REQUIREMENTS (60.0 credits)				REQUIRED RELATED (22.0 - 24.0 credits)			
Technical Option (36.0 credits)				Science (6.0 - 8.0 credits)			
ITEC	120 Energy & Power Systems	3.0	___	Select two science courses from the following list:			
ITEC	130 Production Materials & Processes	3.0	___	CHEM	101 Chem! Better Things/Better Living	3.0	___
ITEC	241 Drafting Communications	3.0	___	CHEM	103 General, Organic & Biochem I	3.0	___
ITEC	271 Processing Nonmetallic Materials	3.0	___	CHEM	104 General, Organic & Biochem II	3.0	___
ITEC	331 Construction Technology I	3.0	___	CHEM	205 Molecular Basis of Color & Form	4.0	___
ITEC	332 Construction Technology II	3.0	___	PHYS	103 Elements of Physics*	4.0	___
ITEC	345 Statics & Strength of Materials	3.0	___	PHYS	104 Applied Physics*	4.0	___
ITEC	346 Architectural Drawing & Design	3.0	___	PHYS	131 Physics I with Algebra	4.0	___
ITEC	347 Engineering Visualization	3.0	___	PHYS	132 Physics II with Algebra	4.0	___
ITEC	348 Green Buildings & Sustain. Systems	3.0	___	<i>NOTE: *Can receive credit for either PHYS 103 or 104, but not both.</i>			
ITEC	433 Construction Project Management	3.0	___	Economics (6.0 credits)			
Select one course from the following:				ECON	101 Principles of Macroeconomics	3.0	___
ITEC	326 Fluid Power	3.0	___	ECON	102 Principles of Microeconomics	3.0	___
ITEC	342 Computer-Aided Engineering Drawing	3.0	___	Mathematics (7.0 credits)			
ITEC	376 Wood Technology	3.0	___	MATH	130 Elements of Statistics	3.0	___
Technology Management Core (18.0 credits)				AND select one of the following:			
OSEH	120 Safety, Health & Environ. Issues	3.0	___	MATH	151 Calculus for Mgmt, Life and SS	4.0	___
OSEH	320 Safety Engineering Principles	3.0	___	MATH	160 Precalculus	4.0	___
ITEC	492 Technical Entrepreneurship	3.0	___	MATH	161 Calculus I	4.0	___
ITEC	494 Total Quality Management	3.0	___	English - Advanced Writing (3.0 credits)			
BUAD	251 Principles of Management	3.0	___	Choose one of the following:			
BUAD	452 Operations & Supply Chain Mgmt	3.0	___	ENGL	312 Technical Writing	3.0	___
Elective Courses in Technology Management (6.0 credits) Select two courses from the following:				ENGL	316 Business Writing	3.0	___
ITEC	300 Internship*	3.0	___	General Electives (as necessary)			
ITEC	400 Internship*	3.0	___	_____	_____	_____	_____
ITEC	392 Intro. to Industrial Training	3.0	___	_____	_____	_____	_____
OSEH	221 Industrial Fire Prevention	3.0	___	_____	_____	_____	_____
OSEH	323 Human Factors	3.0	___	_____	_____	_____	_____
OSEH	333 Intro to System Safety	3.0	___	_____	_____	_____	_____
BUAD	161 Intro to Financial Accounting	3.0	___	_____	_____	_____	_____
BUAD	352 Human Resource Management	3.0	___	_____	_____	_____	_____
BUAD	353 Labor-Management Relations	3.0	___	_____	_____	_____	_____
BUAD	357 International Management	3.0	___	_____	_____	_____	_____
PSYC	329 Industrial/Organization Psychology	3.0	___	_____	_____	_____	_____
SOCY	318 Sociology Complex Organizations	3.0	___	_____	_____	_____	_____
<i>NOTE: *Maximum of 6 credits internship may be counted toward degree</i>							
<i>NOTE: Many courses have prerequisites. Please consult University Catalog or advisor.</i>							