

ENGINEERING TECHNOLOGY MANAGEMENT, B.S.

ENGINEERING TECHNOLOGY MANAGEMENT

Students will complete approximately 120 credits of coursework to receive a Bachelor of Science degree including a minimum of 43 credits of university general education curriculum. Of the 120-credit total, at least 42 credits of completed coursework will be at the upperclassman level. With this major, an approved technical minor must be completed¹.

Course	Title	Credits
General Requirements		
General Education (http://catalog.uwplatt.edu/undergraduate/degree-requirements/bachelor-of-science-degree-core-curriculum/)		43-53
Natural Science Requirement		
PHYSICS 1050	Principles of Physics (or higher)	
CHEMISTRY 1050	Survey of General Chemistry (or higher)	
Mathematics Requirement		
Select one of the following options:		6-9
Option 1 (math proficiency level of 40 required):		
MATH 2640	Calculus and Analytic Geometry I	
MATH 1830	Elementary Statistics	
Option 2 (math proficiency level of 30 required):		
MATH 2530	Trigonometry and Analytic Geometry	
MATH 1830	Elementary Statistics	
Option 3 (math proficiency level of 20 required):		
MATH 2450	Precalculus	
MATH 1830	Elementary Statistics	
Option 4 (math proficiency level of 15 required):		
MATH 1530	College Algebra	
MATH 1830	Elementary Statistics	
Option 5 (math proficiency level of 10 required):		
MATH 15	Intermediate Algebra	
MATH 1530	College Algebra	
MATH 1830	Elementary Statistics	
Required Professional Concentration Courses		
AETM 1010	Principles of Safety and Risk Management	3
AETM 4680	Engineering Technology Management Internship ²	1-8
AETM 4900	Work Measurement and Human Factors	3
AETM 4940	Quality Assurance	3
AETM 4950	Production Planning and Control	3
AETM 4980	Training and Supervision	3
BUSADMIN 1210	Introduction to ERP	1-3
or BUSADMIN 2110	Management Information Systems	
BUSADMIN 1810	Microsoft Excel for Business	1-3
or BUSADMIN 2100	Supply Chain Management	
or COMPUTER 1830	Microcomputer Applications	
BUSADMIN 2010	Business Communication	3
or ENGLISH 3000	Technical Writing	
Required Technical Core Courses³		
AETM 1030	Introduction to Manufacturing ⁴	3
AETM 1200	AC/DC Fundamentals ⁴	3
AETM 1230	Technical Drafting ⁴	3
AETM 1530	Power Systems Technology ⁴	3
AETM 1830	Introduction to Plastics Processing ⁴	3
AETM 3050	Introduction to Metals Processes ⁴	3

AETM 3130	General Industry OSHA 30 Hour	3
or AETM 3590	Industrial Hygiene and PPE	
or AETM 4880	Fire Protection and Environmental Safety	
AETM 3460	3D Industrial Production Drafting	3
Approved Technical Minor ¹		24-33
Electives (if needed) ⁵		

¹ Approved Technical Minors include: Agriculture and Applied Engineering Technology Management (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/agriculture/minors/agricultural-applied-engineering-technology-management-minor/>), Construction Management (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/construction-management-minor/>), Construction Safety Management (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/construction-safety-management-minor/>), Drafting Technology (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/drafting-technology-minor/>), Industrial Control Systems Technology (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/industrial-control-systems-technology-minor/>), Metals Processing Technology (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/metals-processing-technology-minor/>), Safety Engineering Management (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/safety-engineering-management-minor/>), Plastics Processing Technology (<http://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/applied-engineering-technology-management/plastics-processing-technology-minor/>), and Sustainability and Renewable Energy Systems (<http://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/sustainable-renewable-energy-systems/renewable-energy-minor/>).

² First 3 credits of internship are required. Only credits beyond 3 can count as elective credits.

³ You must take these courses early in your program or they may result in course conflicts with upper-level courses.

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⁵ 120 credits are required for graduation.