

B.S in Technology Management - Industrial Engineering Emphasis

Core Curriculum Courses

See the Core Curriculum Requirements (<https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required courses in the major

TMGT 335	Managing Sustainability	3
TMGT 350	Principles of Technology Management	4
TMGT 411	Risk Management	3
TMGT 444	Decision Theory	3
TMGT 455	Project Planning & Scheduling	3
TMGT 456	Value Chain Control & Management	3
TMGT 458	Project Management	3
TMGT 471	Technology Management Capstone Project	4

Required Support Courses

ENGR 110	Introduction to Engineering and Technology	3
ENGR 113	Product Design and Development	3
ENGR 1304	Computer-Aided Design (CAD)	3
ENGR 2304	Computing for Engineers	3
ENGR 2308	Engineering Economic Analysis	3
TMGT 303	Technical Communications	3
TMGT 311	Environmental and Safety Management	3
TMGT 457	Decision Making for Emerging Technologies	3
ACCT 2301	Principles of Acct I *	3
ECO 2302	Principles of Micro Economics *	3
MGT 301	Legal Environment of Business	3

Prescribed Electives for IE Emphasis

ENGR 213	Engineering Probability and Statistics	3
IE 311	Advanced Engineering Statistics	3
IE 403	Human Factors Engineering	3
IE 431	Manufacturing Support Systems	3
IE 444	Systems Engineering	3
MATH 2414	Calculus II *	4

Total Hours 120

* These courses should be use to satisfy the Core Curriculum Requirement in Social and Behavioral Science, Natural Sciences, Mathematics and Component Area Option, repectively.

A grade of "C" or higher must be earned in all courses in this Major.