

Curriculum Map Bachelor of Science Technology Management – Technology Systems Track

This curriculum map assumes that the student has earned an AAS/AS degree from an accredited community and technical college system.

You may be required to complete college readiness courses (ENG 100E, MATH 152E, FYS 101E). This is an unofficial document; the student's program evaluation is the official document for viewing the requirements needed to complete the chosen bachelor's degree. If the student elects to not take at least 15 hours each semester the degree cannot be finished in two years. Please consult with your advisor before registering for classes.

The approved general education course list is located in the MSU Catalog, <http://www.moreheadstate.edu/catalog> as well as listed below. To graduate from MSU with a Baccalaureate degree students must complete at least 42 hours of upper division courses.

If an "f" or "s" is listed beside the course, this indicates the class is normally offered only in the fall semester (f) or spring semester (s).

FIRST YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	MATH 152	College Algebra	3			ETM 327 (s)	Organizational Management for Engineers	3
	ETM 110 or CIS 101	Fund. Of Computer Tech. or Computer Literacy	3			ETM 320	Project Management	3
	ETM 120	Fundamentals of Engineering	3			ETM 330	Engineering Design	3
	SBS II: ETM 300	Technology & Society	3			ETM 319	Quality & Reliability Engineering	3
	MATH 353	Statistics	3			PHYS 201/203	Elementary Physics I/Fundamentals of Physics	3
Total Credit Hours			15		Total Credit Hours			15

SECOND YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	ETM 307	Materials Science	3			ETM	339, 399, 439, 476 (Co-op/Internship)	3
	ETM 310 (f)	Engineering Economic Analysis	3			ETM 421 (s)	Design of Experiments	3
	ETM 317 (f)	Systems Modeling & Simulation	3			ETM 422 (s)	Industrial Safety Standards & Enforcement	3
	ETM 419 (f)	Quality Management Systems	3			ETM 499C	Senior Project	3
	ETM 430 (f)	Operations & Facilities Management	3					
Total Credit Hours			15		Total Credit Hours			12

Associate degree: _____

General Education (some of these courses may have been completed in the Associate degree requirements)

✓	Class	Credits	Transfer Class
	FYS 101 or SBS	3	
	COMS 108	3	
	ENG 100	3	
	ENG 200	3	
	HUM I	3	
	HUM II	3	
	NS I	3	
	NS II	3	
	SBS I	3	
	Total Credit Hours	27	

Remaining <u>C</u>lasses needed	
Remaining <u>H</u>ours needed	

I have reviewed the curriculum and course sequence for this Bachelor's degree and understand I have to follow this map with my advisor's guidance. I understand that I need an advisor to approve my schedule prior to registration each semester.

Student's Signature

May 2020