

Curriculum Map
Engineering Technology, Bachelor of Science
Electronics & Computer Engineering

Accredited by ATMAE (The Association of Technology, Management, and Applied Engineering)

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. Please consult with your advisor before registering for classes. This curriculum map assumes that you have not transferred in any previously completed college level courses. All students must have 36 hours of general education courses. The approved course list is located in the MSU Catalog, <http://www.moreheadstate.edu/catalog>. 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
	FYS 101	First Year Seminar	3			ENG 200	Writing II	3
	MATH 174 or MATH 175	Pre-Calculus or Calculus I	3 or 4			COMS 108	Fund. Of Speech Communication	3
	ENG 100	Writing I	3			General Education	HUM I	3
	ETM 110	Fund. Of Computer Technology	3			ETM 120	Fundamentals of Engineering	3
	EEC 141	Fundamentals of Electric Circuits	3			EEC 241	Circuit Analysis	3
Total Credit Hours			15		Total Credit Hours			15

SECOND YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	General Education	HUM II	3			General Education	NSC II	3
	General Education	NSC I	3			PHYS 201/201L or PHYS 231/231L	Elementary Physics I/Lab or Engineering Physics I/Lab	4 or 5
	Additional MATH	175, 275 or 353	3 or 4			EMM 186	Manufacturing Processes I	3
	ECC 202 (f)	Statics & Dynamics	3			EEC 144(s)	Network Fundamentals	3
	EMM 103	Engineering Drawing	3			EEC 245 (s)	Digital Electronics	3
	EEC 242 (f)	Principles of Electronic Communications	3					
Total Credit Hours			18		Total Credit Hours			16

THIRD YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	ETM 307	Materials Science	3			General Education	SBS I	3
	ETM 310 (f)	Engineering Economic Analysis	3			ETM 319	Quality & Reliability Engineering	3
	ETM 330	Engineering Design	3			ETM 320	Project Management	3
	EEC 344 (f)	Wireless Communications	3			ETM 422 (s)	Industrial Safety Standards & Enforcement	3
	EEC 345 (f)	Microprocessor Electronics	3			EEC 445(s)	Computer Electronics	3
Total Credit Hours			15		Total Credit Hours			15

FOURTH YEAR COURSE SCHEDULE								
✓	Course	Fall Semester	Credits		✓	Course	Spring Semester	Credits
	ETM 317 (f)	Systems Modeling & Simulation	3			SBS II: ETM 300	Technology & Society	3
	ETM 419 (f)	Quality Management Systems	3			ETM 499C	Senior Project	3
	ETM 430 (f)	Operations & Facilities Management	3			ETM 421 (s)	Design of Experiments	3
	EEC 480 (f)	Digital Communication & Networking	3			Track Elective	Refer to program evaluation	3
	Track Elective	Refer to program evaluation	3					
Total Credit Hours			15		Total Credit Hours			12

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 _____

Date _____