

## Four-Year Gateway Degree Pathway Planner

## B.S. AETM: General Technology Concentration

**Explanation:** Your individual plan may vary based on course availability and individual goals. You should always consult with your advisor regularly and reference the course catalog available on the MU Web site.

## FIRST YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
ENGL 110 Introduction to College Writing (IW)	3	COMM 100 Fundamentals of Speech (OC)	3
Personal Wellness (PWELL)	3	Problem Solving (PS)	3
AENG 110 Communication & Information Systems	3	AENG 130 Production Materials & Processes	4
AENG 120 Energy & Power Systems	3	AENG 261 Electronic Systems	4
FYEX 100 First-year Experience (FYEX)	3		
<b>Total Credits for Semester</b>	<b>15</b>	<b>Total Credits for Semester</b>	<b>14</b>

## SECOND YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 241 Drafting Communications	4	AENG 251 Graphic Communication Systems	4
OSEH 120 Fundamentals of Safety, Health & Environ. Issues	3	AENG 271 or 281 Processing Nonmetallic or Metallic Material	4
MATH 130 Statistics (QL)	3	BUSN 251 Principles of Management	3
Creative Explorations (CE)	3	MATH 151, 160, or 161	4
CHEM 101, 103, 104, or PHYS 103, 104, 131, 132 (pick one)	3-4		
<b>Total Credits for Semester</b>	<b>16-17</b>	<b>Total Credits for Semester</b>	<b>15</b>

## THIRD YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 342 Solid Modeling & 3D Prototyping	4	AENG 300-level or Higher Technical Lab Class Elective	3-4
AENG 300-level or Higher Technical Lab Class Elective	3-4	AENG 300-level or Higher Technical Lab Class Elective	3-4
Information Literacies (IL)	3	WRIT 312, 316, 318 or 319 (AW)	3
Technology Management Elective	3	Free Elective	3
<b>Total Credits for Semester</b>	<b>13-14</b>	CHEM 101, 103, 104, or PHYS 103, 104, 131, 132 (pick one)	3-4
		<b>Total Credits for Semester</b>	<b>15-18</b>

## FOURTH YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
MGMT 452 Operations & Supply Chain Management	3	AENG 494 Total Quality Management (CAP)	4
AENG 492 Technical Entrepreneurship	4	AENG 470 Senior Seminar	1
Technology Management Elective	3	Ethical Action & Citizenship (EAC)	3
Diverse Cultural Contexts (DCC)	3	Free Elective	3
Technology Management Elective	3	Free Elective	3
<b>Total Credits for Semester</b>	<b>16</b>	<b>Total Credits for Semester</b>	<b>14</b>