

GENERAL TECHNOLOGY MINOR

The General Track option is the most flexible of all minors offered within the AEST department. It is built from a foundation of three broad-based introductory technical courses that provide students with a basic technical background in various technologies. After completing these three courses students are able to choose three more advanced technical courses offered within the department. This provides students with the opportunity to concentrate in a specific area such as material processing, manufacturing, communications or automation, or take a variety of courses from different areas to customize your minor for your own specific needs and interests.

Regulations Governing Minor Course Work

1. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
2. Only one course which counts toward your major may be counted toward your minor.
3. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
4. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
5. No course needed for the minor may be taken Pass-Fail.
6. One-half or more of the work required for the minor must be completed at Millersville University.
7. No student may minor in his or her major.

Degree in Bachelor of Science

Code	Title	Hours
Minimum of 120 credits required for your degree.		
	true	
Millersville Residency Requirement		
	true	
30 of the last 60 credits at Millersville.		
	true	
Your GPA is below 2.0 - please see your advisor		
Major Requirements - See separate block		
General Education Requirements - See separate block		
Total Hours		0

General Education

Code Title Hours
 Be advised that 'Required Related' courses for a major may share with General Education Requirements. Please work with your advisor to select courses efficiently.

General Education Requirements - See separate block		
Total Hours		0

General Education: Gateway

Code Title Hours
 No more than four courses from any one department may be used throughout the 45 credits required for General Education. Be aware, courses from the same department may have different subject codes the limit of four courses from a department applies to those. Courses from your primary major discipline cannot fulfill general education requirements, except for the Capstone. Courses from a minor or second major may be used.

CORNERSTONE - STAGE 1
 Four courses totaling at least 12 hours. Courses in this group set the foundation for college success and relate to Learning Outcomes 1, 2, and 4. First-Year Experience courses are offered as a learning community with either COMM 100 or ENGL 110.

First Year Experience		3
FYEX 100	Freshman Year Experience	

Oral Communication - Choose 1 class from:
 COMM 100 Fundamentals of Speech
 Any course(s) with attribute OC

Introductory Writing - Choose 1 class from:
 ENGL 110 English Composition
 Any course(s) with attribute IW

Quantitative Literacy
 Choose one course with attribute QL

GATEWAY - STAGE 2
 Seven categories and eight courses minimum totaling at least 24 credits. Courses in this group develop the students' critical thinking skills within the context of different means of investigation/ways of knowing. These courses develop the core knowledge, flexible thought, and critical responsiveness necessary to contribute to the evolving needs of society and the world. These courses include skill and ability development related to Learning Outcomes 1, 3, 4, 5, 7 and 8. Students must complete a minimum of 8 courses and 24 credit hours which requires them to take two courses from one focus area.

GATEWAY - REQUIRED - See Appendix 1

GATEWAY - ELECTIVE - Choose 1 of the following options 1-7:

Option 1. Creative Explorations
Choose one course with attribute CE
Option 2. Ethical Action and Citizenship
Choose one course with attribute EAC
Option 3. Information Literacy
Choose one course with attribute IL
Option 4. Investigations in Scientific Reasoning
Choose one course with attribute SCI
Option 5. Personal Wellness
Choose one course with attribute PWEL
Option 6. Problem Solving

Choose one course with attribute PS

Option 7. Technological Competency

Choose one course with attribute TC

KEYSTONE - STAGE 3

Two courses at the 300 level or above totaling at least 6 credit hours. Courses in the keystone are taken together as a learning community. These courses develop students' communication skills and hone their analytical ability to engage with the complex cultural, environmental, and social context of today's complex issues. The diverse cultural contexts course must emphasize oral communication.

Diverse Cultural Contexts

Choose one course with attribute DCC

Advanced Writing

Choose one course with attribute AW

CAPSTONE - STAGE 4

One course at the 300 level or above with at least 3 credit hours. Apply knowledge from experiences and multiple disciplines to new, complex situations. Foundational knowledge cannot function in isolation. This knowledge functions best and most meaningfully when integrated successfully with broad understanding of the problem and its context.

Big Idea Capstone - Choose 1 class for at least 3 hours from: 3

Any course(s) with attribute CAP

Total Hours **6**

Appendix 1. GATEWAY - REQUIRED

Code	Title	Hours
	Creative Explorations	
	Choose one course with attribute CE	
	Ethical Action and Citizenship	
	Choose one course with attribute EAC	
	Information Literacy	
	Choose one course with attribute IL	
	Investigations in Scientific Reasoning	
	Choose one course with attribute SCI	
	Personal Wellness	
	Choose one course with attribute PWEL	
	Problem Solving	
	Choose one course with attribute PS	
	Technological Competency	
	Choose one course with attribute TC	