

Millersville University Department of Applied Engineering, Safety and Technology  
Post-Baccalaureate Certification in Technology & Engineering Education

\_\_\_\_\_  
(Last Name)      (First Name)      Student Number

\_\_\_\_\_  
Advisor

Undergrad GPA:

Admission type:

Note: If you have been offered Probationary Admission you must complete the TCAT requirements before taking any other program coursework.

**Required Technology Courses (48.0 credits)**

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
AENG 110	Communication and Information Systems (3 s.h.)	_____	_____	_____	_____
AENG 120	Energy & Power Systems (3 s.h.)	_____	_____	_____	_____
AENG 130	Production Materials and Processes (3 s.h.)	_____	_____	_____	_____
AENG 140	Bio-Related Technologies (3 s.h.)	_____	_____	_____	_____
AENG 241	Drafting Communications (3 s.h.)	_____	_____	_____	_____
AENG 251	Print Media Systems (3 s.h.)	_____	_____	_____	_____
AENG 261	Electronic Systems (3 s.h.)	_____	_____	_____	_____
AENG 271 or 281	Processing Metallic or Nonmetallic Materials (3 s.h.)	_____	_____	_____	_____
AENG 322	Transportation and Automation (3 s.h.)	_____	_____	_____	_____
AENG 327	Engineering Structures (3 s.h.)	_____	_____	_____	_____
AENG 344	Product Design (3 s.h.)	_____	_____	_____	_____
AENG 346	Architectural Drawing and Design (3 s.h.)	_____	_____	_____	_____
AENG 435	Manufacturing Enterprise (3 s.h.)	_____	_____	_____	_____
AENG____	Technology Elective	_____	_____	_____	_____
AENG____	Technology Elective	_____	_____	_____	_____
AENG____	Technology Elective	_____	_____	_____	_____

**NOTE: Students who were awarded a degree in a related content area may have some course requirements waived if they take and pass the appropriate Praxis test(s); those courses are noted with (P). Please work closely with your advisor if you wish to pursue this option.**

**Required Related Courses (9.0-10.0 Credits)**

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
ENGL____	English Composition (3 s.h.)	_____	_____	_____	_____
MATH____	_____ (3 s.h.)	_____	_____	_____	_____
<b>One of the following: (3-4 s.h.)</b>		_____	_____	_____	_____
BIOL 100	General Biology (3 s.h.)	_____	_____	_____	_____
CHEM 103	Gen., Organic & Biochemistry I (3 s.h.)	_____	_____	_____	_____
CHEM 205	Color in Art (4 s.h.)	_____	_____	_____	_____
PHYS 103	Elements of Physics (4 s.h.)	_____	_____	_____	_____
PHYS 104	Applied Physics (4 s.h.)	_____	_____	_____	_____

## Professional Education Requirements (33.0 - 34.0 credits)

Number	Title	Needed at MU	Satisfied At Admission	Grade	Notes
<b>Foundations Bloc (6 s.h.)</b>					
A complete and valid Clearance Packet is required and must be on file prior to the semester deadlines. Review deadline dates and requirements here: <a href="https://www.millersville.edu/fieldservices/clearances.php">https://www.millersville.edu/fieldservices/clearances.php</a>					
We recommend Post Bacc students take 590 & 545. These courses require field placement at an urban school. Offered in the evenings or online in Fall and Spring semesters. Also offered in summer session. If enrolling in EDFN 211 and EDFN 241, please register for both courses in the same bloc.					
Take one of:					
EDFN 211	Foundation Modern Education (3 s.h.)	_____	_____	_____	_____
EDFN 590	Social Foundation of Educ (3 s.h.)	_____	_____	_____	_____
Take one of:					
EDFN 241	Psyc Foundation of Teaching (3 s.h.)	_____	_____	_____	_____
EDFN 545	Advanced Educational Psych (3 s.h.)	_____	_____	_____	_____
<b>Formal Entry to the Educator Preparation Program:</b>					
Students must apply for Formal Entry to the Program, meeting all APS (Advanced Professional Studies) requirements before progressing past this point: <a href="https://www.millersville.edu/cert/aps.php">https://www.millersville.edu/cert/aps.php</a>					
<b>APS Bloc (14 - 15 s.h. total)</b>					
SEED 340/540	Content Area Literacy for Divrs Clrooms (3 s.h.)	_____	_____	_____	_____
SPED 346/546	Sec.Students w/Disabils. in Inclv Sets (3 s.h.)	_____	_____	_____	_____
EDTE 291	Foundations of Technology Education (3 s.h.)	_____	_____	_____	_____
EDTE 391	Curriculum / Instruction in TE (3 s.h.)	_____	_____	_____	_____
EDTE 496	Innovation and Design Methods (2 - 3 s.h.)	_____	_____	_____	_____
<b>Student Teaching Semester (13 s.h.):</b>					
YOU MUST SUBMIT YOUR STUDENT TEACHING APPLICATION 1 YEAR IN ADVANCE. See information and deadline dates here: <a href="https://www.millersville.edu/studentteaching/">https://www.millersville.edu/studentteaching/</a>					
EDTE 491	Seminar in Technology Education (1 s.h.)	_____	_____	_____	_____
EDTE 461	Student Teaching in Tech Ed (9 s.h.)	_____	_____	_____	_____
SEED 471	Student Teaching Seminar (3 s.h.)	_____	_____	_____	_____

Additional  
Comments:

Reviewed by: \_\_\_\_\_ Coordinator, Dept. of Applied Engineering, Safety & Technology **Date:** \_\_\_\_\_

Reviewed by: \_\_\_\_\_ Certification Officer **Date:** \_\_\_\_\_