

# TECHNOLOGY EDUCATION POST-BACCALAUREATE CERTIFICATION

## Advanced Professional Studies - Post-Bacc Cert

Code	Title	Hours
------	-------	-------

\*Clearances are valid for one year from the date that appears in the header of this degree audit in the field 'Clearance Date.' Clearances cannot expire in the middle of a semester.

### COURSE REQUIREMENTS FOR APS

FOUNDATIONS COURSES - Choose 1 of the following options 1-2: 6

Option 1. Foundations Graduate Level

EDFN 590 Social Foundation of Educ

EDFN 545 Advanced Educational Psychology

Option 2. Foundations Undergraduate Level

EDFN 211 Foundations Modern Education

EDFN 241 Psychological Foundations of Teaching

### ACT 126 - Educator Ethics Training

You must submit your Educator Ethics Training (If applying to APS AFTER Jan 15, 2020)

### 3.0 Minimum Cert GPA

undefined - See separate block

If you are given the 2.8 GPA Exception for graduation and you graduate with a GPA lower than 3.0, you must have higher certification test scores in order to meet PA state certification requirements.

### No dispositions-related holds

If the requirement above is checked as complete, then there are currently no dispositions-related holds on your APS Status. Registration for APS courses is permitted when all APS requirements have been met. If it is incomplete, you have a hold and APS registration will not be allowed.

### APS registration status

You ARE NOT eligible to register for courses requiring APS status.

### Application for APS status

When all requirements are met, you must submit application for admission to APS status. Click here for the application.

**Total Hours** 6

## Technology Education - Post-Bacc Certification

Code	Title	Hours
------	-------	-------

### TECHNOLOGY LITERACY CORE

AENG 110 Communication and Information Systems 3

AENG 120 Energy Systems 3

AENG 130 Production Materials & Processes 3

AENG 140 Bio-related Technologies 3

### TECHNICAL CORE

AENG 322 Transportation 3

AENG 241 Drafting Communications 3

Print Media Systems or Web Publishing Interactive Media - Choose 1 of the following: 3

AENG 251 Print Media Systems

AENG 252 Web Publishing Systems

AENG 261 Electronic Systems 3

Processing Nonmetallic or Metallic Materials - Choose 1 of the following: 3

AENG 271 Processing Nonmetallic Materials

AENG 281 Processing Metallic Materials

AENG 327 Engineering Structures 3

AENG 344 Product Design 3

AENG 346 Architectural Drawing 3

AENG 435 Manufacturing Enterprise 3

### TECHNOLOGY ELECTIVE

Laboratory Electives - Choose 3 of the following: 9-10

AENG 243 Technical Sketching, Design & Rendering

AENG 251 Print Media Systems

AENG 252 Web Publishing Systems

AENG 262 Semiconductor Electronics

AENG 271 Processing Nonmetallic Materials

AENG 281 Processing Metallic Materials

AENG 325 Power Conversion and Control

AENG 326 Fluid Power

AENG 331 Construction Technology 1

AENG 332 Construction Technology 2

AENG 342 Computer-Aided Engineering Drawing

AENG 345 Statics/Strength of Materials

AENG 351 Digital Imaging

AENG 355 Contemporary Printing

AENG 356 Desktop Publishing

AENG 357 Packaging Specialty Printing

AENG 364 Digital Electronics

AENG 375 Polymer and Ceramic Technology

AENG 376 Woodworking Technology

AENG 382 Automated Manufacturing

AENG 425 Industrial Robotic Systems

AENG 427 Programmable Logic Controllers

AENG 448 Machine Tool Design

AENG 455 R&D in Graphic Communications and Packaging

AENG 467 Mobile Robotics

AENG 485 Adv Manufacturing Systems

AENG 498 Independent Study

AENG 515 Adv Prob:

AENG 525 Adv Prob:

AENG 535 Adv Prob:

### REQUIRED EDTE COURSES - count in major GPA

EDTE 291 Foundations of Technology & Engineering Ed 3

EDTE 391 Curr & Inst in Tech & Eng Ed 3

EDTE 491 Seminar in Techn & Engring Ed 1

EDTE 496 Innovatn/Design Methodologies 2

**Total Hours** 57-58

## Req Related for Technology Education

Code	Title	Hours
ENGL 110	English Composition	3
General Education (G2) Math course		
Choose one MATH course with attribute G2		
Science Elective - Choose 1 of the following:		3-4
BIOL 100	General Biology	
CHEM 103	Gen Organic and Biochemistry 1	
PHYS 103	Elements of Physics	
PHYS 104	Applied Physics	
<b>Total Hours</b>		<b>6-7</b>

Students must meet APS eligibility requirements prior to registering. Submit your Teacher Certification Packet 90 days prior to completion of your certification program. Click here to access the packet on the Certification Website.

Student Teaching - Choose 9 hours from: 9

EDTE 461	Edte Stu Teaching
EDTE 462	EDTE Stu Teaching

**Total Hours** **33-37**

## Professional Education - Certification

Code	Title	Hours
<b>FOUNDATIONS BLOC</b>		

We recommend 590 and 545 for Post-Bacc students. These courses each require 35 hours field placement at an urban school. Offered in the evenings Fall and Spring. Also offered in Summer Session. If enrolling in EDFN 211/241, please register for both courses in the same block.

Foundations of Modern Education - Choose 1 of the following: 3

EDFN 590	Social Foundation of Educ
EDFN 211	Foundations Modern Education

Psychological Foundations of Teaching - Choose 1 of the following: 3

EDFN 545	Advanced Educational Psychology
EDFN 241	Psychological Foundations of Teaching

### APS - PROFESSIONAL BLOC

Students must meet APS eligibility requirements prior to registering. Course Appropriate PRAXIS II Exam should be taken after Professional Bloc, but prior to Student Teaching.

Content Area Literacy for Diverse Classrooms - Choose 1 of the following: 3

EDSE 340	Content Area Literacy for Diverse Classrooms
EDSE 540	Cntnt Area Litrcy Divers Class

Secondary Students w/Disabilities in Inclusive Settings - Choose 1 of the following: 3

SPED 346	Secondary Students w/Disabilities in Inclusive Settings
SPED 546	Sec Stdnts w Disab Inclu Sttgs

Foundations of Technology Education 3

EDTE 291	Foundations of Technology & Engineering Ed
----------	--

Curriculum/Instruction in Technology Education 3

EDTE 391	Curr & Inst in Tech & Eng Ed
----------	------------------------------

Innovation and Design Methods - Choose 1 of the following: 2-6

EDTE 496	Innovatn/Design Methodologies
EDTE 698	Research and Development Technical Project

### STUDENT TEACHING SEMINAR

File your Intent to Student Teach Card one year prior to the beginning of the semester in which you wish to Student Teach. Click here to access the Student Teaching Website

EDSE 471 Student Teaching Seminar 3

Seminar in Technology Education 1

EDTE 491	Seminar in Techn & Engring Ed
----------	-------------------------------

### STUDENT TEACHING SEMESTER