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

ŀ	FOUNDATIONS	COURSES - Choose 1 of the following options 1-2:	6
	Option 1. Fou	ındations Graduate Level	
	EDFN 590	Social Foundation of Educ	
	EDFN 545	Advanced Educational Psychology	
	Option 2. Fou	ındations 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 TECHNOLOGY LI	Title TERACY CORE	Hours	
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 Syste of the following:	ems or Web Publishing Interactive Media - Choose	e 1 3	
AENG 251	Print Media Systems		

AENG 261 Electronic Systems 3 Processing Nonmetallic or Metallic Materials - Choose 1 of the following: AENG 271 Processing Nonmetallic Materials AENG 281 Processing Metallic Materials AENG 281 Processing Metallic Materials AENG 327 Engineering Structures 3 AENG 344 Product Design 3 AENG 345 Manufacturing Enterprise 3 AENG 345 Manufacturing Enterprise 3 AENG 435 Manufacturing Enterprise 3 AENG 435 Manufacturing Enterprise 3 AENG 435 Manufacturing Enterprise 3 AENG 243 Technical Sketching, Design & Rendering AENG 243 Technical Sketching, Design & Rendering AENG 251 Print Media Systems AENG 252 Web Publishing 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 345 Statics/Strength of Materials AENG 355 Contemporary Printing AENG 356 Desktop Publishing AENG 357 Packaging Specialty Printing AENG 356 Desktop Publishing AENG 357 Packaging Specialty Printing AENG 357 Polymer and Ceramic Technology AENG 358 AUTOMATED AND AND AND AND AND AND AND AND AND AN	AENG 252	Web Publishing Systems	
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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	AENG 382	Automated Manufacturing	
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: 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	AENG 425	Industrial Robotic Systems	
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	AENG 427	Programmable Logic Controllers	
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	AENG 448	Machine Tool Design	
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	AENG 455	R&D in Graphic Communications and Packaging	
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	AENG 467	Mobile Robotics	
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	AENG 485	Adv Manufacturing Systems	
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	AENG 498	Independent Study	
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	AENG 515	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	AENG 525	Adv Prob:	
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	AENG 535	Adv Prob:	
EDTE 391 Curr & Inst in Tech & Eng Ed 3 EDTE 491 Seminar in Techn & Engring Ed 1 EDTE 496 Innovatn/Design Methodologies 2	REQUIRED EDTE COURSES - count in major GPA		
EDTE 491 Seminar in Techn & Engring Ed 1 EDTE 496 Innovatn/Design Methodologies 2	EDTE 291	Foundations of Technology & Engineering Ed	3
EDTE 496 Innovatn/Design Methodologies 2	EDTE 391	Curr & Inst in Tech & Eng Ed	3
	EDTE 491	Seminar in Techn & Engring Ed	1
Total Hours 57-58	EDTE 496 Innovatn/Design Methodologies		2
	Total Hours		57-58

Reg Related for Technology Education

Code	Title	Hours
ENGL 110	English Composition	3
General Educatio	n (G2) Math course	
Choose one M	ATH 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	
Total Hours		6-7

Professional Education - Certification

Code Title Hours
FOUNDATIONS BLOC

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.

F	Foundations of Modern Education - Choose 1 of the following:		
EDFN 590 Social Foundation of Ed		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:

EDSE 340	Content Area Literacy for Diverse Classrooms	
EDSE 540	Cntnt Area Litrcy Divers Class	
Secondary Stud the following:	ents w/Disabilities in Inclusive Settings - Choose 1 of	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		

EDTE 391 Curr & Inst in Tech & Eng Ed
Innovation and Design Methods - Choose 1 of the following:
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

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EDSE 471	Student Teaching Seminar	3
Seminar in Technology Education		1
EDTE 491	Seminar in Techn & Engring Ed	

STUDENT TEACHING SEMESTER

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

Total Hours 33-37

EDTE Stu Teaching

EDTE 462

2-6