

PBSC Follow *to* Finish

To stay on track, follow the sequence and complete on time!



ASSOCIATE IN SCIENCE > Career Pathway: Trade & Industry

Engineering Technology – Advanced Manufacturing AS

	Credits	CREDIT CERTIFICATES			
		C1	C2	C3	C4
Year 1 Summer Term	9				
MAC1105 College Algebra	3				
➡ ENC1101 College Composition 1	3				
SPC1017 Fundamentals of Speech Communication	3				
Fall Term	12				
PHY1001 Applied Physics	3				
ETI1701 Environmental Health and Safety	3	🛡️		🛡️	
ETI2110 Introduction to Quality Assurance	3	🛡️			🛡️
EET1084C Electrical Circuits and Electronics	3	🛡️			
Spring Term	15				
ETM1010C Mechanical Measurements and Instruments	3	🛡️			
ETS2520C Process Measurement Fundamentals	3		🛡️	🛡️	
ETS2352C Materials and Manufacturing Processes	3	🛡️		🛡️	🛡️
CET2117C Microprocessors and Digital Logic	3		🛡️	🛡️	
ETS2530C Process Control Technology	3		🛡️	🛡️	

	Credits	CREDIT CERTIFICATES			
		C1	C2	C3	C4
Year 2 Summer Term	9				
ETD2320C Introduction to AutoCAD	3	🛡️			
Any course from Humanities Area II	3				
PSY2012 General Psychology	3				
Fall Term	9				
ETS2700C Fluid and Pneumatic Controls	3			🛡️	
ETI2622C Concepts of Lean Manufacturing and Six Sigma	3			🛡️	🛡️
CET2127C Programmable Logic Controllers	3		🛡️	🛡️	
Spring Term	6				
Technical Elective	3		🛡️	🛡️	🛡️
Technical Elective	3			🛡️	
Total Program Credits:	60				
Certifications:					
C1: Engineering Technology Support Specialist CCC 18cr					
C2: Automation CCC 15cr					
C3: Mechatronics CCC 30cr					
C4: Lean Manufacturing CCC 12cr					

Milestone Courses:
Take these courses in the proper order, they are the first priority for this pathway.

Course to earn a Micro-credential (or certificate) which verify, validate and attest that specific skills and/or competencies have been achieved.

Make regular appointments with an advisor to keep on track.