

MINIMUM QUALIFICATIONS

MANUFACTURING AND ADVANCED TECHNOLOGY

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
ANIMATION				
ANI 100	2D Animation	1.2	Bachelor's degree in digital media, animation, computer art, media arts, film/video production, or a related discipline.	3 years of tested experience and competency in field specific technologies. (Teaching is not considered tested experience)
ANI 103	Animation Techniques I	1.2	Bachelor's degree in digital media, animation, computer art, media arts, film/video production, or a related discipline.	3 years of tested experience and competency in field specific technologies. (Teaching is not considered tested experience)
ANI 105	3D Modeling and Animation 1	1.2	Bachelor's degree in digital media, animation, computer art, media arts, film/video production, or a related discipline.	3 years of tested experience and competency in field specific technologies. (Teaching is not considered tested experience)
ANI 203	3D Animation Techniques II	1.2	Bachelor's degree in digital media, animation, computer art, media arts, film/video production, or a related discipline.	3 years of tested experience and competency in field specific technologies. (Teaching is not considered tested experience)
ANI 205	3D Modeling and Animation 2	1.2	Bachelor's degree in digital media, animation, computer art, media arts, film/video production, or a related discipline.	3 years of tested experience and competency in field specific technologies. (Teaching is not considered tested experience)
APPLICATION DESIGN AND DEVELOPMENT (ADD)				
ADD 100	Programming Logic	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Python.
ADD 103	Fundamental Web Development	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Web Development.
ADD 105	Programming for Android I	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Android Development.
ADD 107	Programming for iOS I	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in iOS Programming.
ADD 109	Database Fundamentals	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, experience, or a portfolio of work in Database Management Systems.

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ADD 120	Computer Ethics	1.2	Bachelor's degree or higher in a technology related field, or Bachelor's degree with at least 9 credit hours of programming courses.	
ADD 140	User Interface and Experience Design	1.2	Bachelor's degree with coursework in Usability, Interface Design, or related areas. OR Bachelors degree with Certification in UI/UX or a related area.	Bachelor's degree with at least 2000 hours of related experience.
ADD 147	JavaScript Programming	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in JavaScript.
ADD 153	Advanced Web Development	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, course work, certification, or a portfolio of work in Machine Learning, and course work, certification, or a portfolio of work in Web Development.
ADD 155	Programming for Android II	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Android Programming.
ADD 157	Programming for iOS II	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in iOS Programming.
ADD 160	Advanced Python	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Python.
ADD 175	Content Management Systems for Web	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Content Management Systems.
ADD 212	PHP and MySQL	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in PHP and MySQL.
ADD 215	Amazon Web Services	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming and 4 years of related work experience. Plus course work, certification, or a portfolio of work in Amazon Web Services.

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ADD 245	Machine Learning with Python	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Machine Learning.
ADD 247	Application Development in JavaScript	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in JavaScript and its libraries.
ADD 280	Software Application Design and Development Capstone	1.2	Bachelor's degree with at least 9 credit hours of programming courses.	Associate's degree with at least 9 credit hours of programming, 4 years of related work experience, and course work, certification, or a portfolio of work in Programming.
ARCHITECTURAL AND ENGINEERING				
AET 141	Interior Design I	1.1	Master's degree in Architecture or Interior Design; OR a completed Masters degree with 18 credit hours in the discipline	
AET 142	History of Interiors	1.1	Master's degree in Architecture or Interior Design; OR a completed Masters degree with 18 credit hours in the discipline	
AET 151	Computer Aided Design Graphics I	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 152	Computer Aided Design Graphics II	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 153	Computer Aided Design Graphics III	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 154	Computer Aided Design Graphics IV	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 158	Geometric Tolerancing	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience; or 8,000 hours of CAD work experience.
AET 161	BIM Revit I	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 162	BIM Revit II	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.

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AET 165	BIM Navisworks I	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 171	Parametric Modeling SolidWorks I	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience; or 8,000 hours of CAD work experience.
AET 172	Parametric Modeling SolidWorks II	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 241	Interior Design 2	1.1	Master's degree in Architecture or Interior Design; OR a completed Masters degree with 18 credit hours in the discipline	
AET 251	Design Visualization	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience; or 8,000 hours of CAD work experience.
AET 261	Technical Portfolio Design I	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 262	Technical Portfolio Design II	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 271	Applied Statics	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 290	Topics in Architecture and Engineering	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AET 299	Independent Study in Drafting	1.2	Bachelor's degree in Industrial Technology, Architecture, Engineering, Engineering Technology, Construction or related field and 2,000 hours of work related experience.	Associate of Applied Science degree in Engineering or Architectural Technology and 4,000 hours of related work experience or 8,000 hours of CAD work experience.
AUTOMATION, ROBOTICS & MECHATRONICS (ARM)				
ARM 151	Mechanical Assembly and Maintenance	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 161	Automation and Robotics I	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 210	Motor Controls and Troubleshooting	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.

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ARM 220	Automation and Robotics II	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 275	ARM Capstone I	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 276	ARM Capstone II	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 277	Joint Capstone I	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 278	Joint Capstone II	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 140	Electrical I	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 141	Electrical II	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 145	Hydraulics and Pneumatics	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
ARM 150	PLC I	1.2	Bachelor's degree in Industrial/Construction Management, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience.
AUTOMOTIVE				
AMT 100	Introduction to Automotive Technology	1.2	Bachelor's degree in Automotive Technology or related field, and ASE G1, A6, A4 and A5 certification and 2,000 hours of related work experience	ASE Certifications G1, A6, A4 and A5 and 4,000 hours of automotive related work experience.
AMT 110	Automotive Customer Service	1.2	Bachelor's degree in Automotive Technology or related field, and ASE Service Consultant certification	ASE Certifications as Service Consultant, and 4,000 hours of automotive related work experience.

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AMT 120	Automotive Electricity Fundamentals	1.2	Bachelor's degree in Automotive or related field, Master certification by ASE in G1 and L1 Advanced, and 8,000 hours of automotive related field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 140	Automotive Engine Technology	1.2	Bachelor's degree in Automotive or related field, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 160	Automotive Electronics Fundamentals	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 170	Manual Drive Train & Axles	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).

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AMT 180	Automotive Steering, Chassis, & Suspension	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 200	Computerized Automotive Systems	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 220	Automotive Brake Systems	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 230	High Performance Engine Fundamentals	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).

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AMT 240	Automotive Climate Control Systems	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 250	Automotive Cooperative Internship	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 260	Engine Performance/ Drivability	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 265	Alternate Fuel Vehicles	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).

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AMT 270	Automatic Transmission & Transaxles	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
AMT 299	Automotive Independent Study	1.2	Bachelor's degree in Automotive Technology, Master certification by ASE in those areas related to courses to be taught including G1 and L1Advanced and 18,000 hours / 9 years of automotive field work experience.	AAS degree in Automotive Technology, Master certification by ASE in those areas relating to courses to be taught, and 8,000 hours of automotive field related work experience. (Master ASE, including G1 and L1 Advanced certification and 5 years of automotive related field experience preferred); Or, Master Certification by ASE in those areas relating to courses to be taught, and 18,000 hours of automotive related field work experience. (Master ASE, including G1 and L2 Advanced certification preferred).
COMPUTER INFORMATION SYSTEMS				
CDM 090	Introduction to Computer Applications	1.6	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Management Information Systems, Information Technology, or a related field with demonstrated skills in computer applications (teaching demonstration is required)
CDM 110	Computer Literacy for Windows	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. Bachelors degree in Education with coursework in Microsoft Office Applications and completion of training for the CDM 110 course from MCC.	If no specific coursework in Microsoft Office and Web Development has been taken, the instructor must demonstrate knowledge of: Windows, Word, Excel, Access, PowerPoint, and HTML before teaching the course. Successfully completing the CDM 110 course will be accepted as training / testing in addition to a Bachelors degree and teaching certification.
CDM 205	Technology in Education	1.1	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	

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CDM 240	Server + Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology and 8,000 hours of related experience.
CDM 250	Internship in CDM	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology and 8,000 hours of related experience.
CDM 290	Topics in Computers & Digital Media	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology and 8,000 hours of related experience.
COMPUTER NUMERICAL CONTROL				
CNC 105	Manual Machining I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes.
CNC 106	Precision Machining I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).

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CNC 115	Manual Machining II	1.2	Bachelor's degree in industrial technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).
CNC 155	Precision Machining II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes.
CNC 156	Precision Machining III	1.2	Bachelor's degree in industrial technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).

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CNC 157	Precision Machining IV	1.2	Bachelor's degree in industrial technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).
CNC 250	Precision Machining Internship	1.2	Bachelor's degree in industrial technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).

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CNC 277	Precision Machining Capstone I	1.2	Bachelor's degree in industrial technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).
CNC 278	Precision Machining Capstone II	1.2	Bachelor's degree in industrial technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).
CONSTRUCTION MANAGEMENT				
CMT 102	Construction Documents	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 105	Intro. To Building Construction	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
CMT 110	Mechanical Systems and Codes	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 115	Electrical Systems and Codes	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 120	Building Codes and Enforcement	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 125	Survey Layout and Measurement	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 201	Construction Estimating	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 203	Construction Planning and Schedule	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 205	Construction Project Management	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 250	Construction Management Internship	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 261	Technical Portfolio Design I	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
CMT 262	Technical Portfolio Design II	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.

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CMT 290	Topics in Construction	1.2	Bachelor's degree in Construction/Industrial Management, Architecture, Engineering, Engineering Technology or related field and 2,000 hours of work related experience.	Associate degree in Construction Management, Architectural Engineering Technology or related field and 8,000 hours of work related experience; Or, 18,000 hours of work related experience.
ENGINEERING				
EGR 151	Engineering Graphics	1.1	Master's degree in physics or engineering, or Master's degree with 18 graduate semester hours in the discipline.	
EGR 251	Statics	1.1	Master's degree in physics or engineering, or Master's degree with 18 graduate semester hours in the discipline.	
EGR 252	Dynamics	1.1	Master's degree in physics or engineering, or Master's degree with 18 graduate semester hours in the discipline.	
EGR 260	Electrical Circuits Analysis	1.1	Master's degree in physics or engineering, or Master's degree with 18 graduate semester hours in the discipline.	
HVAC				
HVA 101	Introduction to Refrigeration	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 102	HVAC Electrical I	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 103	Residential Heating Systems	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
HVA 104	Residential Air Conditioning Systems	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 106	Residential Service and Installation	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 107	Electrical II	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 108	Commercial Refrigeration Systems	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 109	Commercial Refrigeration Service	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
HVA 110	Commercial Heating and Air Conditioning	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 111	Sheet Metal I	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 112	EPA Section 608 Certification	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 113	Domestic Refrigeration Systems	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 114	HVAC Codes	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
HVA 113	Domestic Refrigeration Systems	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 114	HVAC Codes	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 115	Energy Audit	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 116	Sheet Metal II	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 117	Direct Digital Controls	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.

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HVA 118	Air Movement and Ventilation	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 119	Hydronic Heating Systems	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
HVA 120	Building Insulation	1.2	Bachelor's degree in HVAC or related field and 8,000 hours of related work experience with EPA Section 608 Certification and qualified to proctor the exam.	Associate of Applied Science degree in HVAC and 10,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or 12,000 hours of HVAC work experience with EPA Section 608 Certification and qualified to proctor the exam; or appropriate US military MOS with 5,000 hours of military or work experience in the HVAC industry with EPA Section 608 Certification and qualified to proctor the exam.
MANUFACTURING MANAGEMENT				
IMT 100	Introduction to Manufacturing	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, For IMT 100 and IMT 104; 10,000 hours of industrial management work experience.
IMT 102	Manufacturing Processes	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
IMT 103	Materials of Industry	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 104	Blueprint Reading for Manufacturing	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience; OR Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, For IMT 100 and IMT 104; 10,000 hours of industrial management work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).
IMT 109	Mechanics of Materials	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).
IMT 110	Supervisory Responsibility	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.

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IMT 112	Training the Trainer	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 116	Industrial Safety Management	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 117	Supply Chain Management I	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 120	Metrology for Quality	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 121	Quality Practices and Management	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
IMT 125	Principles of Personnel and Industrial Relations	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 130	Facilities Planning and Design	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 135	Maintenance Management	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 140	Electrical I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 141	Electrical II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 145	Hydraulics and Pneumatics	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.

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IMT 150	PLC I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 151	PLC II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 200	Computer Integrated Manufacturing I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes.
IMT 205	Computer Integrated Manufacturing II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 18,000 hours of machining work experience; OR Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience AND an equivalent of 4,000 hours of practical work-related experience with manual milling machines and lathes and other equipment in a machining lab (e.g. drill press, surface grinders, band saws); experience setting up, operating, and programming CNC mills and lathes.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
IMT 210	Continuous Improvement Practices	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 215	Supply Chain Management II	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology, Supply Chain Management or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 261	Technical Portfolio Design I	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 262	Technical Portfolio Design II	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience. Required instruction must include the use of course-specific applicable technology and College approved Learning Management System (LMS).	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
IMT 290	Topics in Manufacturing	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.

COURSE & TITLE		PCS CODE	FACULTY MINIMUM QUALIFICATIONS 2024-2025	TESTED EXPERIENCE 2024-2025
IMT 299	Independent Study in Manufacturing	1.2	Bachelor's degree in Industrial/Construction Management, Architecture, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial/Construction Management or related field and 8,000 hours of related work experience; Or, Bachelor's degree in Technology Education and 4 years of manufacturing or industrial technology teaching experience and 2,000 hours of work related experience.
NETWORK SECURITY				
NET 100	Computer Ethics	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology and 8,000 hours of related experience.
NET 105	IT Fundamentals	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 105, ITF+ Certification, or TestOut IT Fundamentals Pro Certification (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 105, ITF+ Certification, or TestOut IT Fundamentals Pro Certification (or 2000 hours of equivalent work-related experience) is required.
NET 110	Network+ Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 110, Network+ Certification, or TestOut Network Pro Certification (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 110, Network+ Certification, or TestOut Network Pro Certification (or 2000 hours of equivalent work-related experience) is required.
NET 120	Computer Hardware Basics	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology and 8,000 hours of related experience.
NET 140	Introduction to UNIX	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience.

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NET 145	Linux+ Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 145, Linux+ Certification, or TestOut Linux Pro Certification (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 145, Linux+ Certification, or TestOut Linux Pro Certification (or 2000 hours of equivalent work-related experience) is required.
NET 150	Windows Operating Systems	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology and 8,000 hours of related experience.
NET 151	Windows Client	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 151, passing of Microsoft Certification Exam MD-100, and Exam MD-101, or TestOut Client Pro Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 151, passing of Microsoft Certification Exam MD-100, and Exam MD-101, or TestOut Client Pro Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.
NET 152	Windows Server I	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 152, passing of Microsoft Certification Exam AZ-800, or TestOut Hybrid Server Pro: Core Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 152, passing of Microsoft Certification Exam AZ-800, or TestOut Hybrid Server Pro: Core Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.
NET 170	Cisco Certification Prep I	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: Completion of Cisco's train the trainer training with a Cisco certified center.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. For NET 170, Cisco CCNA Certification and Completion of Cisco's train the trainer training with a Cisco certified center (or 2000 hours of equivalent work-related experience) is required.

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NET 171	Cisco Certification Prep II	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: Completion of Cisco's train the trainer training with a Cisco certified center.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. For NET 171, Cisco CCNA Certification and Completion of Cisco's train the trainer training with a Cisco certified center (or 2000 hours of equivalent work-related experience) is required.
NET 173	Cisco Certification Prep IV	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: Completion of Cisco's train the trainer training with a Cisco certified center.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. For NET 173, Cisco CCNA Certification and Completion of Cisco's train the trainer training with a Cisco certified center (or 2000 hours of equivalent work-related experience) is required.
NET 175	CCNA Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 175, passing of Cisco's CCNA Certification Exam , or TestOut Routing and Switching Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 175, passing of Cisco's CCNA Certification Exam , or TestOut Routing and Switching Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.
NET 180	Computer Security Awareness	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience.
NET 183	Security+ Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 185, Security+ Certification or TestOut Security Pro Certification Exam (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 185, Security+ Certification or TestOut Security Pro Certification (or 2000 hours of equivalent work-related experience) is required.

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NET 185	Ethical Hacking	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 185, EC-Council Certified Ethical Hacker V12 Certification or TestOut Ethical Hacker Pro Certification (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 185, EC-Council Certified Ethical Hacker V12 Certification or TestOut Ethical Hacker Pro Certification (or 2000 hours of equivalent work-related experience) is required.
NET 251	Windows Server II	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 251, passing of Microsoft Certification Exam AZ-801, or TestOut Hybrid Server Pro: Advanced Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 251, passing of Microsoft Certification Exam AZ-801, or TestOut Hybrid Server Pro: Advanced Certification Exam (or 2,000 hours of equivalent of work-related experience) is required.
NET 252	Windows Server III	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 252, passing of Microsoft Certification Exam 70-742 or TestOut Server Pro 2016: Identity Certification Exam (or 2,000 hours of equivalent work-related experience) is required	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 252, passing of Microsoft Certification Exam 70-742 or TestOut Server Pro 2016: Identity Certification Exam (or 2,000 hours of equivalent work-related experience) is required
NET 260	Cloud+ Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 260, Cloud+ Certification (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 260, Cloud+ Certification (or 2000 hours of equivalent work-related experience) is required.

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NET 280	CySA+ Certification Prep	1.2	Bachelor's degree in Computer Science, Management Information Systems, Information Technology or a related bachelor's degree and 2,000 hours of related work experience. In addition: For NET 280, CySA+ Certification or TestOut CyberDefense Pro Certification Exam (or 2000 hours of equivalent work-related experience) is required.	Associate's degree in Computer Information Systems, Computer Science, Information Technology, or a related associate's degree and 8,000 hours of related experience. In addition: For NET 280, CySA+ Certification or TestOut CyberDefense Pro Certification Exam (or 2000 hours of equivalent work-related experience) is required.
PASTRY				
PAS 101	Pastry Skills I	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience or 8000 hours work experience and industry certified
PAS 102	Pastry Skills II	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience or 8000 hours work experience and industry certified
PAS 103	Pastry Skills II	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience or 8000 hours work experience and industry certified
PAS 208	Bakery Operations	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience with direct supervisory experience or 8000 hours work experience and industry certified
PAS 240	Decorative Pastry Skills	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience or 8000 hours work experience and industry certified
PAS 250	Confections & Chocolates	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience or 8000 hours work experience and industry certified
PAS 255	Pastry Business Internship	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience with direct supervisory experience or 8000 hours work experience and industry certified
PAS 260	Baking for Restricted Diets	1.2	Bachelor's degree in Hospitality, Culinary Arts or related field and 2,000 hours of related work experience	Associate degree in Culinary, Hospitality or Pastry or related degree with 6000 hours work experience or 8000 hours work experience and industry certified

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ROBOTICS				
ROB 110	Introduction to Robotics	1.2	Bachelor's degree with at least 12 credits in Programming or Robotics, Bachelor of Science degree in Computer Science, or a related field with 2,000 hours of related experience.	
ROB 200	Cyber-Physical Systems	1.2	Bachelor's degree with at least 12 credits in Programming or Robotics, Bachelor of Science degree in Computer Science, or a related field with 2,000 hours of related experience.	
ROB 211	Distributed Robotic Systems	1.2	Bachelor's degree with at least 12 credits in Programming or Robotics, Bachelor of Science degree in Computer Science, or a related field with 2,000 hours of related experience.	
ROB 220	Artificial Intelligence	1.2	Bachelor's degree with at least 12 credits in Programming or Robotics, Bachelor of Science degree in Computer Science, or a related field with 2,000 hours of related experience.	
PSY 250	Human Development Over the Life Span	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 251	Child Psychology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 260	Introduction to Gerontology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 265	Social Psychology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 270	Introduction to Forensic Psychology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 271	Educational Psychology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 275	Abnormal Psychology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 280	Theories of Personality	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
PSY 290	Topics in Psychology	1.1	Master's degree in Psychology or Master's degree and 18 graduate credit hours in Psychology.	
SOCIOLOGY				
SOC 151	Introduction to Sociology	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
SOC 175	Sociology of Families	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	

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SOC 251	Social Problems	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
SOC 256	Sociology of Deviance	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
SOC 260	Sociology of Race and Ethnicity	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
SOC 261	Sex and Gender	1.1	Master's degree in the discipline or Master's degree and 18 graduate credit hours in the discipline.	
WELDING				
WLD 106	Welding Basics and Weldment Prints	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 121	SMAW Flat and Horizontal	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 122	Vertical and Overhead	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 124	SMAW Basic Pipe	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 131	GMAW Flat and Horizontal	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 132	GMAW Vertical and Overhead	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 133	FCAW, Spray and Pulse Spray	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.

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WLD 141	GTAW Ferrous	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 142	GTAW Non-Ferrous	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 151	Introduction to Steel Fabrication	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 152	Advanced Steel Fabrication	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 250	Weld Internship I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 251	Weld Internship II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 275	Weld Capstone I	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.
WLD 276	Weld Capstone II	1.2	Bachelor's degree in Industrial Technology, Engineering or Engineering Technology or related field and 2,000 hours of related work experience.	Associate of Applied Science degree in Engineering Technology, Industrial Technology or related field and 8,000 hours of related work experience; Or 10,000 hours of welding work experience.