

Build the Future in the INDUSTRIAL AND ENGINEERING TECHNOLOGY CAREER PATHWAY

Interested in designing, engineering, developing, and building solutions to address society's problems and needs? Solve problems, connect people and places, and make the world run in the diverse career opportunities available in the Industrial and Engineering Technology Pathway.

PROGRAMS OF STUDY

OCCUPATIONAL CLUSTER	PROGRAM OF STUDY	PROGRAM OF STUDY CORE COURSE	PROGRAM OF STUDY CLUSTER COURSE	PROGRAM OF STUDY CONCENTRATION COURSE	PROGRAM OF STUDY REQUIRED ACADEMIC COURSE
BUILDING AND CONSTRUCTION	BUILDING AND CONSTRUCTION I	Industrial and Engineering Technology	Building and Construction I		Geometry or Equivalent
	BUILDING AND CONSTRUCTION II	Industrial and Engineering Technology	Building and Construction I	Building and Construction II	
	ELECTRICAL INSTALLATION	Industrial and Engineering Technology	Electricity and Electronics		
DESIGN AND ENGINEERING	DESIGN TECHNOLOGY I	Industrial and Engineering Technology	Design Tech I		Algebra I or Equivalent
	DESIGN TECHNOLOGY II	Industrial and Engineering Technology	Design Tech I	Design Tech II	
	ENGINEERING TECHNOLOGY I	Industrial and Engineering Technology	Engineering Technology I		Algebra II or Equivalent
	ENGINEERING TECHNOLOGY II	Industrial and Engineering Technology	Engineering Technology I	Engineering Technology II	
ELECTRONIC AND COMPUTER SYSTEMS	COMPUTER NETWORKING	Industrial and Engineering Technology	Networking Fundamentals and LAN		Algebra I or Equivalent
	CYBERSECURITY	Industrial and Engineering Technology	Networking Fundamentals and LAN	Cybersecurity	
	A+ CERTIFICATION	A+ Certification Intro/A+ Certifications Computer Systems	A+ Certification Operating Systems/ Internship		
	CISCO CERTIFICATION	Networking Fundamentals and LAN	WAN and Networking Architecture		
	COMPUTER TECHNICIAN	Industrial and Engineering Technology	Computer Electronics		
ELECTRONIC TECHNOLOGY	ELECTRONICS AND ELECTRICAL ENGINEERING I	Industrial and Engineering Technology	Electronic Technology I		
	ELECTRONICS AND ELECTRICAL ENGINEERING II	Industrial and Engineering Technology	Electronic Technology I	Electronic Technology II	
MANUFACTURING	AUTOBODY REPAIR AND REFURBISHING	Industrial and Engineering Technology	Autobody Repair and Refinishing I		Physical Science or Equivalent
	ADVANCED AUTOBODY REPAIR AND REBURBISHING	Industrial and Engineering Technology	Autobody Repair and Refinishing I	Autobody Repair and Refinishing II	
	METAL WORKING TECHNOLOGY I	Industrial and Engineering Technology	Metals Technology I		
	METAL WORKING TECHNOLOGY II	Industrial and Engineering Technology	Metals Technology I	Metals Technology II	
TRANSPORTATION SYSTEMS	AUTOMOTIVE TECHNOLOGY I	Industrial and Engineering Technology	Automotive Technology I		
	AUTOMOTIVE TECHNOLOGY II	Industrial and Engineering Technology	Automotive Technology I	Automotive Technology II	
ENTREPRENEURSHIP	ENTREPRENEURSHIP	Industrial and Engineering Technology	Any Industrial and Engineering Program of Study Cluster Course	Entrepreneurship	Cluster Required Academic Course