Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Manufacturing
Career Pathway: Quality Assurance

Central Community College

DEGREE:
Quality Control

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Information Technology App. I Automotive Mechanics Cabinetmaking Programming I Electroncis Welding	Intro to Manufacturing/Mechatronics Manufacturing Woods Manufacturing Metals	*School Activities:* SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS *Community Activities:* Learn to repair machinery, Learn to use the latest tools for home repair, Tour a factory, Part time employment available within this career cluster, Internships available within this career cluster
HIGH SCHOOL	10	English/Language Arts II	Geometry	Biology	World History			
HIGH SCHOOL	11	English/Language Arts III	Algebra II	Chemistry	American History			
HIGH SCHOOL	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis			

		COMMUNICATIONS	MATH/ SCIENCE	PERSONAL DEVELOPMENT	SOCIAL/ BEHAVIORAL SCIENCES	DEGREE REQUIREMENTS	MAJOR COURSES				
CENTRAL COMMUNITY COLLEGE	13 and 14	Select 3 hours from the following: Applied Writing Writing & Research Business Comm Public Speaking	Select 6 hours from the following: Business Math Technical Math College Algebra Applied Statistics	Select 3 hours from the following: Nutrition Personal Health Consumer Problems Intro to Ethics Intro to Theater	Select 3 hours from the following: Microeconomics Intro to Psychology Intro to Sociology Social Problems	5 hours of Quality Control Electives	Statistical Process Control	Quality Audit	Tools & Gaging	Statistical Sampling & Reliability	Design of Experiments
							Statistical Process Control II	Computer Statistical Applications	Total Quality Management	Leadership, Law & Ethics	Basic Drafting I
							Blueprint Read for Industry	Concepts of Electronics I	Microcomputer Applications		

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