



Career Cluster Pathway: Maintenance/Operations

EDUCATION LEVELS	GRADE	English/ Language Arts 4 credits	Math <i>Note: Students accelerated in Math may have a slightly different sequence</i> 3 credits	Science 3 credits (2 Lab)	Social Studies/ Sciences 3 credits	Other Required Courses Or Recommended Electives	Career & Technical Courses And/or Degree Major Courses 1 credit	SAMPLE Occupations Relating To This Pathway
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SECONDARY	9	9 th Grade English	Algebra I	Biology		Health Foundation of Fitness	Microsoft Office I Architecture I & II	Requiring Less than a Baccalaureate degree Construction and Building Inspectors Construction Carpenters Cement Masons and Concrete Finishers Construction Managers Explosives Workers, Ordnance Handling Experts, and Blasters Hazardous Material Remover Workers
	10	10 th Grade English	Geometry	Chemistry	Civics	Introduction to Engineering Design *		
	11	11 th Grade English	Algebra II	Core Plus Manufacturing 101 *	U.S. History	Fine Arts Fitness Elective		
	12	12 th Grade English	AP Statistics * or Financial Algebra *	Physics or Science Elective	Contemporary World Problems	World Language: Spanish I & II Recommended		

POSTSECONDARY	Year 13	Click on the occupations requiring less than a Baccalaureate degree listed on the right to explore the occupation profile and outlook via Careeronestop , your source for career exploration, training and jobs.	Technicians
	Year 14		Occupational Health and Safety Technicians
	Year 15	Click on the occupations requiring Baccalaureate degree or requiring more than Baccalaureate listed on the right to explore the occupation profile and outlook via Careeronestop , your source for career exploration, training and jobs.	Security and Fire Alarm System Installers
	Year 16		Water and Wastewater Treatment Plant and System Operators

Requiring Baccalaureate Degree or Higher
[Cost Estimators](#)
[Environmental Engineers](#)
[Occupational Health and Safety Specialists](#)