



Facility and Mobile Equipment Maintenance Pathway

Transportation, Distribution and Logistics Career Cluster



This Program of Study plan should serve as a guide in the development of secondary and post-secondary course planning for students. Courses listed within this plan are only recommended and are indicative of the courses needed to complete a Program of Study. The following items need to be considered:

- Courses in the arts and humanities are valued by post-secondary institutions for their cognitive benefits and in communicating and expressing the ideas and emotions of the human spirit.
- Post-secondary institutions have varying course requirements for admission including World Languages.

High School	Grade	English	Math	Science	Social Studies	Other Required Courses	Pathway Electives Recommended	Credit Review	
	Required Credits	4.0	3.0	3.0	3.0	2.0	Recommended Sequence for Pathway <i>(may adjust yearly as needed)</i> [Minimum– 8.5 elective credits needed for graduation]	Grade Graduation Credit Requirements	
	Grade 9	<ul style="list-style-type: none"> • English 9 (1.0) -OR- • Enriched English 9 (1.0) 	<ul style="list-style-type: none"> • Algebra I (1.0) 	<ul style="list-style-type: none"> • Earth Science (0.5) 	<ul style="list-style-type: none"> • US History (0.5) 	<ul style="list-style-type: none"> • Level I Physical Education (0.5) • Health 9 (0.5) 	<ul style="list-style-type: none"> • Recreational Small Engines (0.5) • Introduction to Electricity and Wiring (0.5) 	<ul style="list-style-type: none"> • 9-12 • 9-12 • 9-12 	<ul style="list-style-type: none"> 4.0 Required 2.0 Elective 6.0 Total
	Grade 10	<ul style="list-style-type: none"> • English 10 (1.0) -OR- • Enriched English 10 (1.0) 	<ul style="list-style-type: none"> • Geometry (1.0) -OR- • Enriched Geometry (1.0) 	<ul style="list-style-type: none"> • Biology (1.0) 	<ul style="list-style-type: none"> • World Studies (1.0) -OR- • AP European Studies (1.0) 	<ul style="list-style-type: none"> • Level II Physical Education (0.5) 	<ul style="list-style-type: none"> • Digital Electronics (1.0) • Metals/Welding I (1.0) • Personal Finance (TC) (0.5) 	<ul style="list-style-type: none"> • 10-12 • 9-12 • 10-12 	<ul style="list-style-type: none"> 4.5 Required 1.5 Elective 6.0 Total
	Grade 11	<ul style="list-style-type: none"> • English 11 (1.0) -OR- • AP Language & Composition (1.0) 	<ul style="list-style-type: none"> • Algebra II/Trigonometry (1.0) -OR- • Enriched Algebra II/Trigonometry (1.0) 	<ul style="list-style-type: none"> • Chemistry (1.0) 	<ul style="list-style-type: none"> • Government (0.5) -OR- • AP United States Government and Politics (0.5) 	<ul style="list-style-type: none"> • Level III Physical Education (0.5) 	<ul style="list-style-type: none"> • Marketing I (TC) (1.0) • Automotive Mechanics I (1.0) 	<ul style="list-style-type: none"> • 11-12 • 11-12 	<ul style="list-style-type: none"> 4.0 Required 2.0 Elective 6.0 Total
	Grade 12	<ul style="list-style-type: none"> • English 12 (1.0) -OR- • AP Literature & Composition (1.0) 	<ul style="list-style-type: none"> • See post-secondary education institution for math requirements 	<ul style="list-style-type: none"> • Physics 	<ul style="list-style-type: none"> • AP Psychology (1.0) -OR- • Psychology (0.5) -OR- • Sociology/Social Issues (0.5) -OR- • AP Economics (0.5) -OR- • Economics (0.5) 	<ul style="list-style-type: none"> • Automotive Mechanics II (1.0) • Welding II (1.0) 	<ul style="list-style-type: none"> • 11-12 • 10-12 	<ul style="list-style-type: none"> 2.5 Required 3.0 Elective 5.5 Total 	
Course Code Key (see course catalog for further details)		28 Credits Possible		Other Related Courses and Activities (curricular, co-curricular, and extra-curricular)					
AP	Advanced Placement	(0.75) Course is worth 0.5 credit	Credits Required Grades 9-12 15.0 Minimum Electives..... 8.5 Credits for Graduation 23.5	<ul style="list-style-type: none"> • Marketing II (TC) (1.0) • World Languages 		<ul style="list-style-type: none"> • Skills USA • Transportation, Distribution, & Logistics Youth Apprenticeship (1.0) 		<ul style="list-style-type: none"> • Preparation for College & Business Communications (1.0) • DECA 	
AS	Advanced Standing	credit (non-TC) or 0.75 credit (TC)							
TC	Transcripted Credit	(1.0) Course is worth 1.0 credit							
YO	Youth Options	(0.5) Course is worth 0.5 credit							



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Advisement provided through Student Services office and post-secondary transfer credits determined by college admissions counselors.
 Postsecondary credit transfer information also available at <http://www.uwsa.edu/tis>

Please visit the web site of institutions listed below for any program updates.

Post-Secondary Options	Baccalaureate Degree		Associate Degree Programs		Certificate/License	
	<u>University of Wisconsin-Stout</u> • Engineering Technology—Facilities • Management—Industrial Management • Technology Education • Science Education	<u>University of Wisconsin-Platteville</u> • Mechanical Engineering • Technology Education	<u>Chippewa Valley Technical College</u> • Auto Collision Repair & Refinish Tech • Automotive Maintenance Technician • Automotive Technician • Automotive Technician Advanced Placement • Diesel/Heavy Equipment Technician • Industrial Mechanic • Motorcycle, Marine & Outdoor Power Products Technician <u>Universal Technical Institute (UTI)</u> (http://www.uti.edu/) • Automotive, Diesel, and Collision Repair Programs (consult web site) • Motorcycle Programs (consult web site) • NASCAR Programs (consult web site) • Marine Programs (consult web site) <u>WyoTech</u> (http://www.wyotech.edu/) • Automotive Degree Programs (consult web site) • Diesel Degree Programs (consult web site) • Collision Degree Programs (consult web site) • Motorcycle Degree Programs (consult web site) • Marine Degree Programs (consult web site) • Electrician • Plumbing			
	Adult Apprenticeship, On-the-Job Training or Other		Employment Options			
		Careers	<u>Facility</u> • Electrical/Electronic Technician • Facility Engineer • Facility Maintenance Manager and Engineer • Industrial Electrician • Industrial Equipment Mechanic	<u>Mobile Equipment</u> • Aerospace Engineering and Operations Technician • Aircraft Mechanic and Service Technician • Automotive Service Technician • Avionics Technician • Bus and Truck Mechanic • Collision Repair Technician	<u>Mobile Equipment, cont.</u> • Diesel Engine Specialist • Motorboat Mechanic • Off-Road Equipment Technician • Rail Locomotive and Car Mechanic and Repairer • Service Manager • Service Writer • Ship Mechanic and Repairer	