

CAREER PROGRAM OF STUDY



Career Cluster: **TRANSPORTATION, DISTRIBUTION & LOGISTICS**

Pathway: *Transportation Operations; Logistics Planning & Management Services; Warehousing & Distribution Center Operations; Facility & Mobile Equipment; Maintenance; Transportation Systems/ Infrastructure Planning, Management & Regulation; Health, Safety & Environmental Management; and Sales & Service*

Student Name: _____

Career Clusters identify pathways from high schools to two- and four-year technical colleges, universities, graduate schools, apprenticeship programs and the workplace so that learners can recognize the relationship between what they learn in school and what they can do in the future.

Knowledge and Skills Needed to Succeed in this Career Cluster: Academic Foundations, Communications, Problem Solving and Critical Thinking, Information Technology Applications, Systems, Safety, Health and Environmental, Leadership and Teamwork, Ethics and Legal Responsibilities, Employability and Career Development, Technical Skills

		9 th Grade	10 th Grade	11 th Grade	12 th Grade
HIGH SCHOOL COURSES	English	<i>Core Courses</i>			
		English I English Prep 2 English Prep 1	English II Basic Skills English English Prep 2 English Prep 1	Adv. Comp. & Early Amer. Lit. American Literature Basic Skills English English Prep 2	AP English World Literature Adv. Comp. & Early Amer. Lit. Technical Writing Everyday English
	Social Studies	<i>Schedule a Sophomore Individual Planning Conference with your Counselor</i>			
		U.S. History	World History	Modern American History (req.) Psychology Sociology Comparative Politics Modern Global Issues	AP American History Pop Culture Microeconomics Macroeconomics
	Math	<i>Schedule College Visits & College Entrance Exams for Junior Year</i>			
		Algebra I Extended Algebra Geometry	Geometry Extended Geometry Algebra II	Probability & Stats Adv. Geometry Pre-Calculus FST	AP Calculus Discrete Math ACT Math Prep
	Science	<i>Schedule Senior Interview with your Counselor before October 1</i>			
		Integrated Science Biology Plant Science	Biology Chemistry Animal Science	Physics AP Chemistry AP Physics	AP Biology Food Science Animal Health & Nutrition

CAREER ENHANCEMENT	Elective Courses Within This Cluster Include:		School Activities
	Employability Skills Intro to Microsoft Office Environmental Conservation Activities in Transportation Power & Energy Automotive I	Automotive II Materials & Processes Drafting & CAD Architectural Planning Adv. Tech Design Electricity & Electronics Welding	Skills USA-VICA FFA Youth Apprenticeship

Student Signature: _____

Date: _____

Parent/Guardian Signature: _____

Date: _____

Counselor Signature: _____

Date: _____



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TRANSPORTATION, DISTRIBUTION & LOGISTICS

Career Majors		
POST SECONDARY PROGRAMS	Wisconsin Technical College System – 2 year www.witechcolleges.com	
	Wisconsin College/University System – 4 year www.uwhelp.wisconsin.edu Wisconsin Independent Colleges & Universities www.wisconsinmentor.org	
Aeronautics/Pilot Training Aircraft Electronics Airframe & Power Plant Mechanics Auto Collision Repair & Refinishing Automotive Technician Civil Engineering Technology/ Highway Technician Diesel & Heavy Equipment Technician Diesel & Power Training Services Engine Machining Tech Engine Technology	Industrial Vehicle Tech Land Survey Technician Logistics Marine Repair Technician Materials Planning & Control Technician Motorcycle, Marine & Outdoor Power Products Quality Management Supply Chain Truck Driving	Civil Engineering Electrical Engineering Environmental Science and Protection Environmental Science Geology Health and Safety Management Industrial Health and Safety Engineering International Logistics Logistician Logistics Analyst Logistics Engineering Logistics Management Safety Analyst Transportation Management
<i>Learn more about career programs at www.careervoyages.com</i>		



TRANSPORTATION, DISTRIBUTION & LOGISTICS

Specialty Careers / Occupations						
Transportation Operations	Logistics Planning and Management Services	Warehousing and Distribution Center Operations	Health, Safety and Environmental Management	Transportation Systems/ Infrastructure Planning, Mgmt and Regulation	Facility and Mobile Equipment Maintenance	Sales and Service
<p>Air/Space Transportation: Air Traffic Controllers Aircraft Cargo Handling Supervisor Airfield Operations Specialists Airplane Pilots Commercial Pilots Dispatchers Flight Attendants Flight Engineers Traffic Managers Transportation Managers</p> <p>Rail Transportation: Dispatchers Locomotive Engineers Locomotive Firers Railroad Brake, Signal And Switch Operators (inc. Train Crew and Yard Workers) Railyard Conductors and Yardmasters Railyard Engineers Traffic Managers Transportation Managers</p> <p>Water Transportation: Able Seamen Bridge & Lock Tenders Captains Dispatchers Mates Motorboat Operators Ordinary Seamen Pilots Of Water Vessels Sailors & Marine Oiler Ship & Boat Captains Ship Engineers Traffic Managers Transportation Managers</p>	<p>International Logistics Logisticians Logistics Analysts Logistics Consultants Logistics Engineers Logistics Managers</p> <hr/> <p>Transportation Operations – continued</p> <p>Road Transportation Bus Drivers Dispatchers Taxi Drivers & Chauffeurs Transportation Managers Truck Drivers-Heavy Truck Drivers—Light or Delivery Services Truck Drivers- Tractor-Trailer Truck/Bus/Taxi Terminal Operations & Support Jobs</p> <p>Transit Systems Bus Drivers Dispatchers Subway & Streetcar Operators Traffic Managers Transportation Managers</p>	<p>Car, Truck & Ship Loaders First-Line Supervisors & Managers of Transportation & Material-Moving Machine & Vehicle Operators First-Line Supervisors & Managers of Helpers Industrial & Packaging Engineer Laborers & Freight, Stock & Material Movers Packers & Packagers Production, Planning, Expediting Clerks Storage & Distribution Managers Traffic, Shipping & Receiving Clerks Warehouse Managers</p>	<p>Environmental Compliance Inspectors Environmental Manager & Engineer Environmental Science/Protection Technicians Environmental Scientists & Specialists Health/Safety Manager Industrial Health & Safety Engineers Safety Analysts</p>	<p><u>Air/Space</u> Air Traffic Controllers Aviation Inspectors</p> <p><u>General</u> Civil Engineers Engineering Tech Environmental Compliance Inspector Government Service Executives Surveying & Mapping Technicians Urban & Regional Planners</p> <p><u>Rail</u> Railroad Inspectors</p> <p><u>Road</u> Traffic Engineers Traffic Technicians Motor Vehicle Inspectors Freight Inspectors</p> <p><u>Transit</u> Public Transportation Inspectors Regulators Inspectors</p> <p><u>Water</u> Marine Cargo Inspectors Vessel Traffic Control Specialists</p>	<p>Facility Electrical/Electronic Technicians Facility Maintenance Managers & Engineers Industrial Electricians Industrial Equipment Mechanics</p> <p>Mobile Equipment <u>General</u> Electrical & Electronic Installers/Repairers Trans. Equipment Mobile Equipment Maintenance Managers Mobile Heavy Equip. Mechanics</p> <p><u>Air/Space</u> Aerospace Eng. & Operations Tech. Aircraft Body & Bonded Structure Repairers Aircraft Engine Specialists Aircraft Mechanics & Service Techs Airframe Mechanics Avionics Techs Power Plant Mechanics</p> <p><u>Water</u> Automotive/Truck Mechanics & Body Repairers Motorboat Mechanics Motorboat Mechanics Ship Mechanics & Repairers</p> <p><u>Rail</u> Rail Car Repairers Rail Locomotive & Car Mechanics & Repairers Signal & Track Switch Repairers</p>	<p>Cargo & Freight Agents Cashiers, Counter & Rental Clerks Customer Order & Billing Clerks Customer Service Managers Customer Service Representatives Marketing Managers Reservation, Travel & Transportation Agents/Clerks Sales Managers Sales Representatives—Transportation & Logistics Services</p> <hr/> <p>Facility & Mobile Equipment Maintenance – continued</p> <p><u>Road</u> Automotive Body & Related Repairers Automotive Glass Installers/Repairers Automotive Master Mechanics Automotive Service Technicians & Mechanics Automotive Specialty Techs Bicycle Repairers Bus & Truck Mechanics & Diesel Engine Specialists Electronic Equipment Installers/Repairers - Motor Vehicle Motorcycle Mechanic Tire Repairer & Changer</p>

SAMPLE CAREER OCCUPATIONS

Learn more about specific occupations at: <http://www.bls.gov/oco/>



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