

HOWARDS GROVE HIGH SCHOOL

TRANSPORTATION, DISTRIBUTION & LOGISTICS Career Plan of Study

Planning, management, & movement of people, materials, and goods by road, pipeline, air, rail, & water & related professional & technical support services such as transportation infrastructure planning & management, logistics services, mobile equipment, & facility maintenance. Pathways include: Transportation Operations; Logistics Planning & Management Services; Warehousing & Distribution Center Operations; Facility & Mobile Equipment Maintenance; Transportation Systems/Infrastructure Planning, Management & Regulations; Health, Safety & Environmental Management; and Sales & Service.

	Entry Level Occupations	Careers with Certification/Associate Degree	Careers with Bachelors, Pre-Professional, or Higher Degree
Sample Occupations	Auto Sales; Bike Mechanic; Bus Driver; Car Rental Agent; Charter Boat Captain; Delivery Driver; Highway Maintenance Worker; Light Truck Driver; Mover; Reservation & Ticket Clerk; Service Station Attendant; Shipping & Receiving Clerk; Traffic Clerk; Taxicab Driver;	Aircraft Mechanic; Auto Body Technician; Automobile Painter; Automotive Maintenance Technician; Cartographic Technician; Diesel Technician; Flight Attendant; Motorcycle Technician; Railroad Conductor; Security Consultant; Travel Agent; Truck Dispatcher	Air Traffic Controller; Astronaut; Commercial Pilot; Highway Safety Engineer; Locomotive Engineer; Mechanical Engineer; Mining Manager; Public Health Sanitarian; Travel Agency Manager

This plan of study should serve as a guide, along with other career planning materials, as you continue on your career path. Courses listed within this plan are only recommended courses and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as post-secondary school entrance requirements.

High School Requirements	Grade	English (4 credits total)	Math (2 credits total)	Science (2 credits total)	Social Studies (3 credits total)	Additional Requirements
	9	English 9		Physical Science	Geography	Computer App. OR Info. & Computer Tech. Physical Education Health
	10	Sophomore Composition		Biology	World History	Physical Education Health
	11	Speech & .5 credit (see list below)			U.S. History	Grades 9 - 12 <i>Fine Arts/Humanities:</i> 1 credit from Art, Music, Foreign Language, or Mythology <i>Career & Technical Education:</i> 1 credit from Agribusiness, Business Ed, Family & Consumer Ed, or Tech Ed
	12	English Electives (see list below)			Political Systems & Issues	
High School Electives	English Electives	Math Electives	Science Electives	Social Studies Electives	Recommended Electives	
	with Speech: American Lit Mythology Mass Media grade 12: Advanced Comp & World Lit; Advanced Comp & Mythology; Lit A & Lit B AP English	Applied Math I Algebra I Geometry Algebra II Intro to Stats Trigonometry Elementary Functions Calculus	Applied Chemistry Chemistry Physics AP Adv. Chemistry AP Adv. Biology	Social Problems	Intro to Tech; Applied Technology; Hard Materials; Power Conversions; Technology Engineering; Energy, Power & Transportation; Communications Design; Electronic Communications; Architectural/Engineering Drawing; Future Prep; Technology Ed Co-op; Auto Technician Youth Apprenticeship; Business Economics; Psychology	

POST SECONDARY PROGRAMS

	Certificates	Technical Diplomas	Associate Degrees
Technical Colleges	Small Engine Maintenance Tech: Nicolet Area Truck Driving: FVTC, Waukesha County	Airframe & Powerplant Mechanics: FVTC Auto Collision Repair & Refinish Tech (one-year): LTC, MATC; 2-year: FVTC, NWTC Automotive Maintenance Technician: FVTC, LTC, MATC Automotive Technician - Imports: FVTC Diesel & Heavy Equipment Technician: NWTC Diesel & Power Train Servicing: MATC Diesel Equipment Mechanic: FVTC Motorcycle, Marine & Outdoor Power Products: Madison Outdoor Power Equipment Technician: FVTC Power Plant Mechanic: MATC	Aeronautics - Pilot Training: FVTC Aircraft Electronics: FVTC Auto Collision Repair & Refinish Technology: NWTC, Waukesha Co. Automotive Technology: FVTC, MATC, MWTC Automotive Technology - Imports: FVTC Diesel Equipment Technology: FVTC, NWTC Logistics: MATC Vehicle Refinishing & Repair Technology: FVTC

Key to Abbreviations: FVTC: Fox Valley; LTC: Lakeshore; MATC: Milwaukee Area; MPTC: Moraine Park; NWTC: Northeast Wisconsin

	Public Colleges	Private Colleges
Four Year Colleges	Transportation & Logistics Management: Superior Cartography & Geographic Info Systems: Madison	Mechanical Engineering: Marquette, MSOE

These are some of the programs at Wisconsin Technical Colleges and some of the majors at UW System Colleges and WI Private Colleges and Universities. For information about technical college programs go to www.witechcolleges.org. For information about UW System colleges go to www.wisconsin.edu. For information about private colleges and universities in Wisconsin go to www.wisconsinmentor.org. For information about transfer agreements between technical colleges and UW System schools and between technical colleges and private schools go to www.uwsa.edu/tis.

This is one of sixteen career clusters. For more information about career clusters go to www.careerclusters.org.