

» CONTINUED FROM PREVIOUS PAGE

 SERVICE AREA: Applied Sciences, Technology, Engineering, and Manufacturing



TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

As part of our world economy, it is critical that people, materials and goods move from one place to another efficiently. Enter the Transportation, Distribution and Logistics cluster, which makes it all happen. Careers in this cluster often require a high school diploma or equivalent, plus some additional on-the-job or specialized training or a two-year degree. Some occupations also require four-year degrees.



PATHWAYS IN THIS CLUSTER...

- » Facility and Mobile Equipment
- » Health, Safety, and Environmental Management
- » Logistics Planning and Management Services
- » Sales and Service
- » Transportation Operations
- » Transportation Systems/ Infrastructure Planning, Management and Regulation
- » Warehousing and Distribution Center Operations



...LEAD TO OCCUPATIONS AS:

- » Airplane Pilot/Co-Pilot
- » Air Traffic Controller
- » Avionics Technician
- » Cargo and Freight Agent
- » Environmental Manager
- » Facility Engineer
- » Industrial Equipment Mechanic
- » Industrial and Packaging Engineer
- » International Logistics Specialist
- » Port Manager
- » Safety Analyst
- » Storage and Distribution Manager
- » Transportation Manager
- » Truck Driver
- » Urban and Regional Planner
- » Warehouse Manager

DIVE DEEPER INTO CAREER OPTIONS!

www.dbqschools.org/career-exploration

OR

login to Kuder Navigator

(the Dubuque Community School District's career information system)

This page is meant to guide student course selection based on career interest and is not a comprehensive list of courses required for graduation from high school or for all 2-year and 4-year college-bound students.

- For comprehensive 4-year course recommendations, review pages 33-35.
- For comprehensive graduation requirements, review page 4.



WANT A SUGGESTED ROADMAP FOR A CAREER AS AN AUTO/DIESEL TECHNICIAN? Check out the Auto/Diesel Technician Pathway Plan online at: www.dbqschools.org/vertex/pathway-plans



CHART YOUR COURSES

The following high school courses can help prepare you for success in this field after high school. Everyone will have a career - not everyone will go to college. Start charting your courses with CAREER TRAINING and proceed to 2-YEAR-DEGREE and 4-YEAR DEGREE based on your post-secondary plans.

CAREER TRAINING	
Recommended Courses:	
INT213	Auto Care & Maintenance
INT215	Auto Diagnostics
INT217	Auto Chassis & Drive Trains
INT223	Small Engine Repair
INT701	Diesel Technician I
INT702	Diesel Technician II
WBL300	Employability Skills with Job Shadowing
WBL401	Internship
Suggested Extension Courses:	
BUS111	Introduction to Business
BUS121	Computer Essentials
BUS335	Entrepreneurship
INT323	Electricity/Electronics
INT332	Metals
INT363	Welding
INT401	Engineering I
INT402	Engineering II

2-YEAR DEGREE	
Recommended Courses:	
ENG641	Composition I
ENG643	Public Speaking
ENG644	Composition II
MTH271/272	Algebra II
or MTH351	Applied Math I and
MTH352	Applied Math II
plus recommended CAREER TRAINING courses	
Suggested Extension Courses:	
ISS131	Computer Science Principles I
ISS132	Computer Science Principles II
plus suggested CAREER TRAINING courses	

4-YEAR DEGREE +	
Recommended Courses:	
BUS441	Marketing & Sales/Advertising
MTH331/332	Pre-Calculus with Trigonometry
or MTH361	Foundations of College Math and
MTH362	Math for Liberal Arts
SCI183	Physics
plus recommended CAREER TRAINING and 2-YEAR DEGREE courses	
Suggested Extension Courses:	
plus suggested CAREER TRAINING and 2-YEAR DEGREE courses	