



<p>Cluster Overview:</p> <p>Jobs in the Transportation, Distribution, and Logistics career cluster involve the planning, management, and movement of people, materials, and goods by road, air, rail, and water, as well as related professional and technical support services such as transportation infrastructure planning and management; logistics services; and mobile equipment and facility maintenance.</p>	<p>Pathway Options:</p> <ul style="list-style-type: none"> • Transportation Operations • Logistics Planning and Management Services • Warehousing & Distribution Center Operations • Facility and Mobile Equipment Maintenance • Transportation Systems/Infrastructure Planning, Management and Regulation • Health, Safety and Environmental Management 	<p>Occupation Examples:</p> <p>Dispatchers, Aircraft Mechanic, Airline Pilots, Air Traffic Controllers, Bus Drivers, Diesel Mechanics, Truck Drivers, Locomotive Engineers, Cargo and Freight Agents, Mass Transit Transportation Managers, Shipping and Receiving Clerks</p> <p>For a complete listing, go to: http://online.onetcenter.org/find/career?c=4&g=Go</p>
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SUGGESTED HIGH SCHOOL COURSES

Based on State Graduation Requirements and Montana College Admissions Criteria: <http://mus.edu/admissions.asp>
 For more information, talk to your school counselor

9th	Graduation Requirements 2-Year College Prep	English, Math, Earth Science (lab science), Health Enhancement	<p>Cluster Foundation Courses: Information Technology Safety in the Workplace</p> <p>Pathway Courses: Auto Tech I, II Introduction to Business Welding I, II</p> <p>Student Organization(s): SkillsUSA</p>
	4-Year MT College/Univ Prep (Rigorous Core)	English, Algebra I, Earth (lab) Science, Health Enhancement and 3 years of the following: World Language/Computer Science/Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Cluster Foundation Courses	
10th	Graduation Requirements 2-Year College Prep	English, Math, Biology (lab science), Global Studies	
	4-Year MT College/Univ Prep (Rigorous Core)	English, Geometry, Biology, Global Studies, and 3 years of the following: World Language/Computer Science/Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Cluster/Pathway Courses	
11th	Graduation Requirements 2-Year College Prep	English, U.S. History, Visual/Performing Arts	
	4-Year MT College/Univ Prep (Rigorous Core)	English, U.S. History, Algebra II, Chemistry or Physics and 3 years of the following: World Language/Computer Science/Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Pathway Courses	
12th	Graduation Requirements 2-Year College Prep	English, Government	
	4-Year MT College/Univ Prep (Rigorous Core)	English, Government, Social Studies, College Prep Writing, (additional math encouraged), and 3 years of the following: World Language/Computer Science/ Visual or Performing Arts/Career & Tech Ed	
	Career-Related Electives	Pathway Courses	

ADVANCED LEARNING OPPORTUNITIES

High School to College/Career Linkages

Tech Prep courses:
Advanced Placement courses:
Running Start opportunities:
Work-based Learning:
On-line Learning:

MONTANA POSTSECONDARY OPPORTUNITIES

*Montana University System Degree and Program Inventory: <http://www.homepage.montana.edu/~mus/drginv/>
Your Guide to Montana's Certificate and Associate Degree Programs <http://mus.edu/twoyear/YourGuide.html>*

Colleges of Technology: BLCOT—Billings; GFCOT—Great Falls; HCOT— Helena; TECHCOT—Butte; UMCOT—Missoula	Community Colleges: DCC—Glendive; FVCC—Kalispell; MCC—Miles City	Tribal Colleges: BFCC—Browning; CDKC— Lame Deer; FBCC—Harlem; FPCC—Poplar; LBHC—Crow Agency; SCC—Box Elder; SKC— Pablo	Four Year Colleges/Universities: MSU— Bozeman; MSUB—Billings; MSUN—Havre; TECH—Butte; UM—Missoula; UMW—Dillon
MILITARY	<ul style="list-style-type: none"> Requires diploma or GED 17 with parental consent; 18 without 	Air Force, Air Guard, Army, Coast Guard, Marines, Navy For more information: http://todaysmilitary.com	
PROFESSIONAL CERTIFICATE	<ul style="list-style-type: none"> Requires diploma or GED Less than 30 credits; little/no general ed credits Complete in one year or less 	Heavy Equipment Operation—FVCC, MCC Heavy Equipment Maintenance--FVCC	
APPRENTICESHIP	<ul style="list-style-type: none"> Requires diploma or GED Must be at least 18 Minimum 2,000 hours of supervised experience 	Aircraft Mechanics, Avionics Technicians, Bus and Truck Mechanics, Diesel Engine Mechanics, Heavy Equipment Mechanics, Material Coordinators/Shipping & Receiving Clerks See the MT Dept of Labor website for more information: http://mcis.dli.mt.gov/apprentice.asp	
CERTIFICATE OF APPLIED SCIENCE	<ul style="list-style-type: none"> Requires diploma or GED 30-45 credits; limited general education credits Complete in one year or less 	Auto Tech—TEHCOT, MSUN, BLCOT Auto Body Repair—GFCOT Aviation Maintenance Technology—HCOT Diesel Technology—BLCOT Heavy Equipment Operation—MCOT Highway Construction--SKC	
ASSOCIATE'S OF APPLIED SCIENCE DEGREE	<ul style="list-style-type: none"> Requires diploma or GED 60-72 credits; includes 15-25 general ed credits Complete in two years (<i>if prepared academically in math and English</i>) 	Auto Tech—DCC, MCC, TECHCOT, MSUN, HCOT, BLCOT Aviation—GFCOT Aviation Maintenance—HCOT Diesel Technology—BLCOT, MSUN, MCOT, HCOT	
BACCALAUREATE DEGREE	<ul style="list-style-type: none"> Requires 4-year college prep for admission 128 credits (approximately) Complete in four years 	Diesel Technology--MSUN	