

## Career and Technical Education

### Area of Study: Industrial Trades & Technology

### Career Pathway: Transportation, Distribution & Logistics

#### Get the Facts:

A Transportation, Distribution & Logistics profession is a skilled professional who specializes in the planning, management and movement of people, materials and products by road, air, rail and water, and usually work with infrastructure, planning and management, logistics and maintenance of equipment and facilities.

#### Workforce Trends

With the continuous need of skilled and knowledgeable employees in the transportation industry, this pathway will help provide employees that are trained and work ready. With a current annual growth rate of 11.2%, the demand for individuals with transportation skills continues to increase in Montana.

Careers in Transportation, Distribution & Logistics are:

High demand, high skill, and high wage

#### Career Examples:

- Pilot
- Certified Flight
- Instructor
- Collision Repair
- Technician
- Auto Technician
- Heavy Equipment
- Operator
- Diesel Technician
- Air Traffic Controller
- Locomotive Engineer
- Forklift Operator
- Avionics Technician

According to the Montana Department of Labor and Industry, the average median hourly wage for occupations within the Transportation Career Pathway is \$20.82.

#### Recommended Pathway Courses

Students may select individual courses for exploration or a complete Pathway for an in-depth focus.

- Foundation Courses (required)
- Automotive 1-Introduction to Mechanical Systems .50/1.0 credit
- Automotive 2- (MLR) Automotive Maintenance and Light Repair 1.0Credit
- Automotive 3-Exploring Automotive Careers 1.0 credit
- Automotive 4-Dual Credit 1.0 credit
- Automotive 4-Exploring Automotive Careers 1.0credit
- Tire Technology .50 credit
- Tech Ed-Work Place Experience .50/1.0 credit

#### College and Career Beyond High School

There are many options for education and training beyond high school, depending on your career goals.

- Certificate
- Associate degree
- Bachelor's degree
- On-the-job training
- Apprenticeship

#### MCPS Graduation Requirements-High School

- English/Language Arts 4.0 credits
- Mathematics 3.0 credits
- Social Studies 2.0 credits
- Science 2.0 credits
- Health Enhancement 2.0 credits
- Art 1.0 credit
- Career and Technical Education 1.0 credit

#### Suggested High School Plan of Study

##### 9th Grade

- English 9 1.0 credit
- Math 1.0 credit
- Social Studies .50/1.0 credit
- Earth Science 1.0 credit
- P.E/Health 1.0 credit
- Art Courses 1.0 credit
- Automotive 1.0 credit

- Art
- Automotive 1

#### 10th Grade

- English 10 1.0 credit
- Math 1.0 credit
- Social Studies .50/1.0 credit
- Biology 1.0 credit
- P.E./Health 1.0 credit
- Art
- Automotive 2

#### 11th Grade

- English 11 1.0 credit
- Math 1.0 credit
- U.S. History 1.0 credit
- Science Elective
- P.E./Health Electives
- Art
- Pathway Elective .50

#### 12<sup>th</sup> Grade

- English 12 1.0 credit
- Math 1.0 credit
- U.S. Government 1.0 credit
- Science Elective
- P.E./Health Electives
- Art
- Pathway Elective .50

Work-Based Learning- Participation in a Pathway-related work-based learning experience  
 Career and Technical Student Organization-Skills USA