

# TRANSPORTATION TECHNOLOGIES



## INTERNSHIP OPPORTUNITIES

An internship program offers students an opportunity to enhance classroom and lab learning with “real world” work experience. Each student is required to manage their own internship search process with assistance from the Internship Coordinator. If interested in pursuing an internship visit <http://www.tmcc.edu/career-center/internships/> to learn more.

## Careers in Transportation Technologies

- Air Traffic Controllers
- Dispatcher
- Fleet Manager
- Railroad Safety Inspector
- Operations Technician
- Vehicle and System Inspector
- Storage and Distribution Managers
- Industrial Equipment Mechanic
- Diesel Mechanics
- Diesel Engineers
- Automotive Technician
- Service Director
- Engine Builder
- Aftermarket Parts Research and Development
- Custom Painter



# TRANSPORTATION TECHNOLOGIES

## Preparing for a career in Transportation Technologies

Transportation technologies connects people, places, and things. They are essential to the way we live our lives today. Advancements in transportation technologies grow in sophistication each year. Along with basic mechanics, transportation repair technicians and operators must understand electronics, computers, and troubleshooting applications. Those who work in the field ensure that transportation and transportation operations are safe, smooth, and efficient. These careers demand concentration and attention-to-detail, as well as physical strength and critical-thinking skills.

Through transportation technologies programs, students will be trained as repair technicians through standards established by nationally recognized industry groups. With northern Nevada in demand for skilled technicians, students pursuing degrees or certificate programs in transportation technologies can expect employment opportunities to be vast in the foreseeable future. Overall, jobs in transportation technologies are expected to grow steadily. There are opportunities for careers all around the world—or right in your own backyard.



### ACADEMICS

#### Course Suggestions:

- Automotive Electricity: AUTO 111
- Light Duty Performance: DT 211
- General Industry Safety: OSH 222
- General Auto: AUTO 101
- Basic Diesel Engines: DT 101
- Heavy Duty Drive Trains: DT 107
- Unmanned Aircraft Systems Introduction: AV 101
- Basic Ground School for Pilots: AV 110
- Fabrication Composites: MT 100

### CO-CURRICULAR ACTIVITIES AND COMMUNITY ORGANIZATIONS

TMCC's transportation technologies department incorporates co-curricular activities within the educational program. Due to TMCC's transportation technologies degree programs being applied science programs, students are able to join in co-curricular activities as they progress through their courses as the majority of these courses require students to take on a "hands-on-approach" in order to understand, practice, and apply what they are learning.