

Getting There

Public University Programs	Colorado Mesa University	Metropolitan State University of Denver
Transportation Services - Diesel Mechanic	C	
Aviation Technology	C	B
Aviation Technology - Fixed Wing Emphasis	A	
Aviation Technology - Helicopter Emphasis	A	
Aviation Management		B

B = Bachelor's Degree, A = Associate's Degree, C = Certificate

Junior College & Community College Programs	Aims Community College	Colorado Northwestern Community College	Pueblo Community College	Pickens Technical Center
Diesel / Heavy Equipment Mechanics			C	
Automotive Mechanics				C
Small Engine Mechanics				C
Aviation Technologies	A, C	A, C		
Aviation Maintenance Technology		A, C		

A = Associate's Degree, C = Certificate



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TRANSPORTATION

Transportation is an industry focused on the moving of people and products from one location to another. Jobs in transportation are primarily concerned with the responsible, punctual and safe carrying of travelers and goods to their destinations. Aside from vehicle operators, there are a number of people who support the industry providing repairs, maintenance, sorting, loading and cleaning. If you're interested in a job that provides a frequent change of scenery with a variety of short-term educational requirements, transportation could be the right career for you.

A Day In the Life of...

Sterling Chase
Service Technician
5280 Motorsports
Denver, CO

Sterling begins each day arriving about an hour before the business opens. He will start the air compressor, top off the fluids on vehicles and prep his co-workers on the day's workload. Next he will start servicing the cars; usually working on 2 - 4 cars in a day replacing seals, timing belts or brakes; and performing scheduled services as needed.

Sterling says the best part of his job is getting to work with a reputable owner who treats his employees and clients fairly. Going to work each day provides new learning opportunities and chances to grow as he encounters problems and solves them. He specializes in Volkswagens and Audis. While watching the WRC World Rally when he was younger, he dreamed of becoming a driver, but fell in love with servicing cars for a race team. Currently he lives his passion, serving as a crew chief for two rally teams, using his knowledge in both work and leisure environments.

Mr. Chase graduated from Liberty High School in Colorado Springs and studied Auto Technician at Universal Technical Institute. Early in his career he worked as an alignment technician at Firestone and gained hands-on training at the Volkswagen Academy. Although Sterling didn't take any automotive or shop classes in high school, he sees how much his computer coursework benefits him now as he completes diagnostics on cars. His speech class and DECA membership provided skills and experiences that still benefit him when communicating with clients, taking a leadership role or being a teammate.

Start Exploring Transportation Careers

Step 1: Identify your interests

Compare your interests, skills and work values with Transportation occupations using Labor Market Information's Career Explorer:

Visit www.colmigateway.com

- Click on "Services for Individuals"
- Choose "Career Services"

This will take you to "Career Explorer" where you can match your interests, skills and work values to occupations.

Step 2: Explore the Transportation industry & careers

Learn about high-growth, in-demand careers and what they pay on the LMI Gateway website:

www.colmigateway.com

For more information on a career in Transportation, check out www.careeroverview.com/transportation-careers.html

Step 3: Find education, training & financial aid

Discover the best education or training institutions for your career goals and how to get money for school at www.collegeincolorado.org

Step 4: Find available job openings

www.connectingcolorado.com

A Day in the Life of...

Charles Dignan

Pilot

TAG Aviation

London, UK

Before his flights, Charles will meet the other pilot and flight attendant. At the airport they will prepare the plane by taking on fuel, water and catering. Using flight plans he prepares the navigation systems for the flight and conducts preflight checks. He greets the passengers, helps load their bags and closes the door. After a final check, he starts the engines, configures other systems and taxis to the runway for takeoff. Departure follows strict procedures and he uses sophisticated instruments to navigate the route once airborne. Usually one pilot is flying the plane and the other pilot is assisting with communication and monitoring systems. Upon reaching cruising altitude the pilots relax, eat and begin to check the weather at their destination. About 150 miles out, he starts the descent,

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Who do you want to be tomorrow?

Occupation	Wage Range (Employment)	Minimum Education/Training	Suggested Programs of Study
Airline Pilots, Copilots & Flight Engineers <i>Pilot & navigate the flight of fixed-wing, multi-engine aircraft for the transportation of passengers & cargo</i>	\$89,934 - \$106,164 (2,520)	Bachelor's Degree, Moderate-term on-the-job training	Aviation Technology, Aviation Management
Flight Attendants <i>Provide personal services to ensure the safety, security & comfort of airline passengers during flight</i>	\$29,325 - \$36,294 (2,350)	Moderate-term on-the-job training	On-the-job-training
Postal Service Mail Carriers <i>Sort mail for delivery. Deliver mail on established route by vehicle or foot</i>	\$46,014 - \$56,766 (4,630)	Short-term on-the-job training	On-the-job-training
Postal Service Mail Sorters & Processors <i>Prepare mail for distribution, Examine, sort, route mail & keep records of shipments</i>	\$36,821 - \$53,085 (2,680)	Short-term on-the-job training	On-the-job-training
Aircraft Mechanics & Service Technicians <i>Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.</i>	\$40,915 - \$70,503 (1,820)	Moderate-term on-the-job training	Aviation Maintenance Technology
Automotive Service Techs & Mechanics <i>Diagnose, adjust, repair or overhaul automotive vehicles.</i>	\$23,808 - \$48,089 (11,550)	Certificate, Long-term on-the-job training	Automotive Mechanics, Small Engine Mechanics
Bus & Truck Mechanics & Diesel Engine Specialists <i>Diagnose, adjust, repair, or overhaul buses and trucks, or maintain and repair any type of diesel engines.</i>	\$31,198 - \$51,944 (4,330)	Certificate, Long-term on-the-job training	Diesel/Heavy Engine Mechanics, Transportation Services - Diesel Mechanic
Bus Drivers, Transit & Intercity <i>Drive bus or motor coach, including regular route operations, charters & private carriage. May assist passengers with baggage & collect fares / tickets</i>	\$26,503 - \$34,997 (3,390)	Moderate-term on-the-job training	On-the-job-training
Bus Drivers, School <i>Transport students or special clients like elderly or persons with disabilities. Ensure adherence to safety rules</i>	\$24,906 - \$36,172 (5,050)	Moderate-term on-the-job training	On-the-job-training
Driver, Sales Workers <i>Drive truck or van over established routes / within a territory to sell or deliver goods. May also take orders, collect payment & stock merchandise</i>	\$17,107 - \$32,977 (6,830)	Short-term on-the-job training	On-the-job-training
Truck Drivers, Heavy & Tractor-Trailer <i>Drive a tractor-trailer combo or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck.</i>	\$29,654 - \$47,808 (22,130)	CDL Certificate, Short-term on-the-job training	Truck Driver School / Training
Truck Drivers, Light or Delivery Services <i>Drive a light vehicle (truck or van), with capacity of less than 26,000 pounds GVW, to deliver or pick up merchandise / packages. May also load & unload vehicle</i>	\$21,106 - \$41,019 (14,880)	Short-term on-the-job training	On-the-job-training
Industrial Truck & Tractor Operators <i>Operate industrial trucks / tractors equipped to move materials around a warehouse, factory or construction site</i>	\$23,088 - \$37,275 (5,190)	Short-term on-the-job training	On-the-job-training
Cleaners of vehicles & equipment <i>Wash / clean vehicles, machinery & other equipment</i>	\$17,113 - \$25,984 (4,290)	Short-term on-the-job training	On-the-job-training
Laborers and Freight, Stock, & Material Movers <i>Manually move freight, stock or materials & perform other general labor</i>	\$19,325 - \$31,813 (22,720)	Short-term on-the-job training	On-the-job-training



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lands and parks. Passengers de-plane, he and the crew clean, shut down and secure the aircraft before heading to a hotel.

Charles enjoys flying, getting to work around airplanes, traveling to faraway places and visiting new cultures. He loves the sense of adventure and the views of the earth from 35,000 feet. Landing in bad weather tests his skills and can be quite exciting!

Mr. Dignan wishes he had focused more on science and math in school. Taking university courses or earning a degree in aviation is not necessary to get into the field. You can learn to fly and get a pilot license outside of college, but a technical degree is usually required for higher level jobs in aviation. He studied mechanical engineering in college which helps him daily at work. Charles credits his advanced math and physics courses, communication skills and problem solving abilities as most helpful to him in his career.