UTAH SYSTEM OF HIGHER EDUCATION

Utah System of Higher Education
Commercial Driver's License - Class A
FY2027 / 6 Credits (180 Clock-Hours)

Foundational Courses

TECD 1100 Commercial Driver's License - Class A **6 Credits / 180 Clock-Hours**

The Commercial Drivers' License - Class A Course prepares students in classroom theory, backing skills, and entry-level driving skills including behind the wheel range and public road practice.
Students demonstrate proficiency and competence in accordance with Federal/ State regulations, and college requirements:

Objective:
- Demonstrate basic truck operating procedures.
- Demonstrate safe operating procedures.
- Learn and practice advanced operating procedures.
- Practice vehicle inspections (pre/post-trip).
- Review non-driving activities.

Supplemental Courses Varies by Institution

USU-Eastern

TECD 1110 Advanced Trailering Techniques **2 Credits / 60 Clock-Hours**

This course will provide instruction on advanced or specialized industry trailering techniques.
Objectives:
- Demonstrate proper procedure coupling of specialized trailers.
- Properly conduct a pre-inspection and post-inspection of specialized trailers.
- Demonstrate safe operation of dump and/or other specialized trailers.

TECD 1115 Site Safety **1 Credit / 30 Clock-Hours**

Combines CPR, first aid, H2S safety, respirator fit, OSHA 10, and fire extinguisher training. Students learn emergency response, hazard recognition, injury care, respirator use, fire prevention, and workplace safety practices aligned with industry standards and regulatory requirements in multiple industries.

Objectives
- Demonstrate life-saving skills, including CPR, first aid, and basic emergency response techniques.
- Recognize and assess workplace hazards using OSHA 10 principles and industry safety standards.
- Respond effectively to hazardous conditions, including H□S exposure, fire incidents, and medical emergencies.
- Properly use safety equipment, including respirators and fire extinguishers, following correct procedures and fit requirements.
- Apply safe work practices and prevention strategies to reduce risk and ensure compliance with regulatory requirements across industries.

TECD 1120 Dump and Trailering **2 Credits / 60 Clock-Hours**

This course provides instruction on safe operation of dump trucks and equipment-hauling trailers.

Objectives:
• Demonstrate proper procedure for operating power take-off (PTO) units.
• Demonstrate safe and proper procedures for operating dump trucks.
• Demonstrate safe securement of heavy equipment onto drop deck or lowboy trailer.
• Demonstrate proper and safe use of load securement devices relating to cargo.

TECD 1130 Maintenance **2 Credits / 60 Clock-Hours**

This course provides instruction on semi-truck and trailer maintenance.
Objectives:
• Demonstrate proper lubrication, fluid maintenance, tire, and wheel maintenance.
• Demonstrate safe basic troubleshooting of semi-truck and trailer components in the field.

TECD 1200 Advanced Driving Techniques **3 Credits / 90 Clock-Hours**

This course provides instruction on advanced driving situations through behind-the-wheel and simulator technology training.
Objectives:
• Exhibit safe operation of loaded and/or empty semi-truck and trailer on local area/industry specific driving challenges.
• Display competency with mountainous roads, ability to drive in extreme driving situations, nighttime driving, skid recovery, emergency situations, safe handling, road hazard perception, and distracted drivers.

TECD 1210 Hazmat for CDL **1 Credit / 30 Clock-Hours**

This course provides instruction on Commercial Driver License Hazardous Materials Endorsement.
Objectives:
• Successfully pass Transportation Safety Administration (TSA) Background check.
• Demonstrate knowledge and successfully pass off Entry Level Driver Training (ELDT) and the Utah Driver License Exam for Hazardous Materials Endorsement.

TECD 1215 Surface Miner **2 Credits / 60 Clock-Hours**

A mandatory 24-hour orientation training class for potential new surface miners, which includes areas such as miner's rights, health, safety, first aid, transportation, fires, explosions, and mining methods.

Objectives
• Explain miner rights and responsibilities in accordance with MSHA regulations and workplace safety standards.
• Identify common hazards in surface mining operations and apply safe work practices to prevent injuries and incidents.
• Demonstrate basic first aid and emergency response procedures for workplace injuries and illnesses.
• Recognize and respond to fire and explosion risks, including proper prevention and emergency actions.
• Describe safe mining methods, equipment uses, and transportation procedures to ensure overall site safety.

TECD 1220 School Bus/Passenger Bus **2 Credits / 60 Clock-Hours**

This course provides instruction on Commercial Driver's License School and Passenger Bus Endorsement.

Objectives:
• Demonstrate knowledge and successfully pass off Entry Level Driver Training.
• Demonstrate proper pre and post-trip inspection on School and Passenger Buses.
• Demonstrate proper inspection of student and passenger-specific items on the school bus.
• Demonstrate proper operation of a school and passenger bus.
• Demonstrate proper unloading and loading procedures for students.
• Pass the required state written and practical exams to obtain the endorsement for School Bus and Passenger Bus.

TECD 1230 Industry Safety Certifications **2 Credits / 60 Clock-Hours**

This course will review and prepare students for 60 hours of industry safety certifications.

Objectives:
• Pass the industry certification for OSHA 10.
• Pass the industry certification for MSHA 32 H2s.
• Pass the industry certification for fire extinguishers.
• Pass the industry certification for CPR/First Aid.
• Pass other relevant industry certification exams as necessary for local industry needs.

TECD 1240 Air Brake Adjustment Certification **1 Credit / 30 Clock-Hours**

This course will review and prepare students for air brake adjustment certification and inspection within the provision of the Federal Motor Carrier Safety Administration (FMCSA).

Objectives:
• Pass the Air Brake Adjustment and Inspection Certification.
• Demonstrate the proper adjustment of air brakes.
• Identify the necessary functioning and hazards of equipment.

Uintah Basin

TECD 1205 Driving Techniques **1 Credit / 30 Clock-Hours**

This course provides instruction on advanced driving situations through behind-the-wheel and simulator technology training.

Objectives:
• Exhibit safe operation of loaded and/or empty semi-truck and trailer on local area/industry specific driving challenges.
• Display competency with mountainous roads, ability to drive in extreme driving situations, nighttime driving, skid recovery, emergency situations, safe handling, road hazard perception, and distracted drivers.