

TECD 1100 - Commercial Driver's License Class A (6 Credits)

Course Description

The Commercial Driver's 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:

Course Objectives

- 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.

Course Outline

- Orientation, Control Systems/Dashboard, Pre- and Post-Trip Inspections
- Basic Control, Shifting/Operating Transmissions, Backing and Docking, Coupling and Uncoupling
- Visual Search, Communication, Distracted Driving, Speed Management, Space Management, Night Operations
- Extreme Driving Conditions, Hazard Perception, Skid Control/Recovery, Jackknifing, and Other Emergencies, Railroad-Highway Grade Crossings
- Identification and Diagnosis of Malfunctions, Roadside Inspections, Maintenance, Handling and Documenting Cargo, Environmental Compliance Issues
- Hours of Service Requirements, Fatigue and Wellness Awareness, Post-Crash Procedures, External Communications, Whistleblower/Coercion, Trip Planning, Drugs/Alcohol, Medical Requirements
- Human Trafficking, CSA, Special Rigs, Crossing the Canadian Border, Basic Business Practices, HAZMAT
- Pre-Trip and Skills
- Road 1
- Road 2
- Road 3

Textbook & Reading Materials

Entry Level Driver Training Obtaining a CDL, J.J. Keller, ISBN: 9781680084931

Log Book Holder, Log Book, Ruler, J.J. Keller, ISBN: B083P53B8T

Federal Motor Carrier Safety Regulations Pocketbook, J.J. Keller

Assignments and Assessments

Orientation

Orientation Acknowledgement

Commercial Driver's License Class A Syllabus

Chapter 1 Orientation PowerPoint

Chapter 1 Orientation Test

Chapter 2 Control Systems/Dashboard PowerPoint

Video - 2.1 Lights

Video - 2.2 Mirrors

Video - 2.3 Horn

Video - 2.4 Door Locks

Video - 2.5 Vehicle Instruments

Chapter 2 Control Systems/Dashboard Test

Chapter 3 Pre and Post Trip Inspections PowerPoint

Video - 3.1 Types of Inspections

Video - 3.2 Pre-Trip Inspection

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Video - 3.4 Air Lines

Video - 3.5 Slide Mechanism

Video - 3.6 On the Road Inspection

Video - 3.7 Post-Trip Inspection

Chapter 3 Pre and Post Trip Inspections Test

Chapter 4 Basic Control PowerPoint

Video - 4.1 Right Turns

Video - 4.2 Left Turns

Video - 4.3 Roundabouts

Video - 4.4 On and Off Ramps I Chapter 4 Basic Control Test

Chapter 5 Shifting/Operating Transmissions PowerPoint

Chapter 5 Shifting/Operating Transmissions Test

Chapter 6 Backing and Docking PowerPoint

Video - 6.0 Get Out and Look.mp4

Video - 6.1 Spotter

Video - 6.2 Steering Techniques

Video - 6.3 Straight Line Backing

Video - 6.4 Alley Dock Backing

Video - 6.5 Offset Backing

Video - 6.6 Sight Side Jackknife Backing

Video - 6.7 Blind Side Jackknife Backing I Chapter 6 Backing and Docking Test

Chapter 7 Coupling and Uncoupling PowerPoint

Video - 7.1 Inspecting the Fifth Wheel

Video - 7.2 Backing into Position and Checking t he Trailer Height

Video - 7.3 Inspecting the Coupling

Video - 7.4 Landing Gear I Chapter 7 Coupling and Uncoupling Test

Chapter 8 Visual Search PowerPoint

Video - 8.1 Distance Scanning

Video - 8.2 Turning at Intersections

Video - 8.3 Roundabouts

Chapter 9 Communication PowerPoint

Video - 9.1 Int rodution

Video - 9.2 Signals

Video - 9.3 Headlights

Video - 9.4 Horns

Video - 9.5 Communication from Other Drivers I Chapter 9 Communication Test

Chapter 10 Distracted Driving PowerPoint

Video - 10.1 Introduction

Video - 10.2 Types of Distractions

Video - 10.3 Effects of Auto-Pilot

Video - 10.4 Managing Driving Distractions I Chapter 10 Distracted Driving Test

Chapter 11 Speed Management PowerPoint

Video -11.1 Stopping Distance

Video - 11.2 Road Hazards

Video - 11.3 Weather Conditions I Chapter 11 Speed Management Test

Chapter 12 Space Management PowerPoint

Video - 12.1 Managing Space Ahead of Your Vehicle

Video - 12.2 Managing Space Behind Your Vehicle

Video - 12.3 Managing Space to the Sides of Your Vehicle

Video - 12.4 Managing Space Above Your Vehicle

Video - 12.5 Managing Space Below Your Vehicle

Chapter 12 Space Management Test

Chapter 13 Night Operation PowerPoint

Video - 13.1 Night Driving Pre -Trip Inspection

Video - 13.2 Headlights

Video - 13.3 Night Driving Road Hazards

Video - 13.4 Night Driving Visual Limitations

Video - 13.5 Fatigue I Chapter 13 Night Operations Test

Chapter 14 Extreme Driving Conditions PowerPoint

Video - 14.1 Extreme Weather Vehicle Preparation

Video - 14.2 Extreme Weather - Fog

Video - 14.3 Extreme Weather - Rain

Video - 14.4 Extreme Weather - Wind

Video - 14.5 Extreme Weather - Snow

Video - 14.6 Extreme Weather - Ice I

Chapter 14 Extreme Driving Conditions Test

Chapter 15 Hazard Perception PowerPoint

Video - 15.1 Pavement Drop Offs

Video - 15.2 Road Const ruction Work Zones

Video - 15.3 Road Debris

Video - 15.4 Off Ramps/On Ramps

Video - 15.5 Parked Vehicles

Video - 15.6 Pedestrians/Animals

Video - 15.7 Disabled Vehicles

Video - 15.8 Other Drivers

Chapter 15 Hazard Perception Test

Chapter 16 Skid Control Recovery, Jackknifing, and Other Eme1rgencies PowerPoint

Video - 16.1 Skid Recovery

Video - 16.2 Avoiding an Oncoming Vehicle

Video - 16.3 Avoiding a Stopped or Stationary Vehicle

Video - 16.4 Avoiding a Merging Vehicle

Video - 16.5 Tire Blowout

Chapter 16 Skid Control/Recovery, Jackknifing, and Other

Emergencies Test
Chapter 17 Railroad Highway Grade Crossings PowerPoint
Video -17.1 Railroad Crossings I
Chapter 17 Railroad Highway Grade Crossings Test
Chapter 18 Identification and Diagnosis of Malfunctions
PowerPoint
Video - 18.1 Glad Hands Inspection
Video - 18.2 Tire Tread Inflation I
Chapter 18 Identification and Diagnosis of Malfunctions Test
Chapter 19 Roadside Inspections PowerPoint
Video -19.1 Who Gets Inspected
Video - 19.2 Transfer of ELD toATA
Video -19.3 Inspection Decals I Chapter 19 Roadside
Inspections Test
Chapter 20 Maintenance PowerPoinrt
Video - 20.1 Pre-Trip Inspection
Video - 20.2 On the Road Inspection
Video - 20.3 Post-Trip Inspection I Chapter 20 Maintenance
Test
Chapter 21 Handling and Documenting Cargo PowerPoint
Video - 21.1 Tiedowns for Dry Van Trailers
Video - 21.2 Tiedowns for Flatbed Tr ailers
Video - 21.3 Blocking
Video - 21.4 Bracing
Video - 21.5 Dunnage
Video - 21.6 Friction Mats
Video - 21.7 Load Bars
Video - 21.8 Edge Protection
Video - 21.9 Top Heavy Loads
Video - 21.10 Weight Balance
Video - 21.11 Parking Shortages
Chapter 21 Handling and Documenting Cargo Test
Chapter 22 Environmental Compliarncce Issues PowerPoint
Chapter 22 Environmental Compliarncce Issues Test
Chapter 23 Hours of Service Requirements PowerPoint
Video - 23.1 On-Duty Time
Video - 23.2 If Your ELD Fails
Video - 23.3 How to Complete a Manual Log
Chapter 23 Hours of Service Requirements Test
Chapter 24 Fatigue and Wellness Awareness PowerPoint
Video - 24.1 Personal Health Driving
Video - 24.2 Fatigue
Video - 24.3 Vehicle Entry Exit
Video - 24.4 Stopping on t he Side of the Road
Video - 24.5 Staying Safe When on t he Road
Chapter 24 Fatigue and Wellness Awareness Test
Chapter 25 Post-Crash Procedures PowerPoint
Video - 25.1 Stop Immediately
Video - 25.2 Warning Devices
Video - 25.3 Document the Accident
Chapter 25 Post Crash Procedures Test
Chapter 26 External Communications PowerPoint
Chapter 26 External Communications Test
Chapter 27 Whistleblower Coercion PowerPoint

Chapter 27 Whistleblower Coercion Test
Chapter 28 Trip Planning PowerPoint
Video - 28.1 Estimating Trip Time
Video - 28.2 Global Positioning Systems
Video - 28.3 Trip Planning Best Practices
Chapter 28 Trip Planning Test
Chapter 29 Drugs/Alcohol PowerPoint
Video - 29.1 Reasonable Suspicion
Video - 29.2 Alcohol Testing Procedures
Video - 29.3 Drug Testing
Video - 29.4 Refusing to Test
Chapter 29 Drugs/Alcohol Test
Chapter 30 Medical Requirements PowerPoint
Chapter 30 Medical Requirements Test
End of Course Survey
Chapter 31 Human Trafficking PowerPoint
Video - 31.1 People at Risk
Video - 31.2 Trafficker Profile
Video - 31.3 Potential Trafficking Victims
Video - 31.4 Vehicles Used for Trafficking
Video - 31.S Locations Used for Trafficking
Video - 31.6 Know How to Respond
Chapter 31 Human Trafficking Test
Chapter 32 CSA PowerPoint
Chapter 32 CSA Test
Chapter 33 Special Rigs PowerPoint
Video - 33.1 Refrigerated Trailers
Chapter 33 Special Rigs Test
Chapter 34 Crossing the Canadian Border PowerPoint
Video - 34.1 Canada HOS General Rules South of 60
Video - 34.2 Canada HOS Sleeper Berth Rules South of 60
Video - 34.3 Canada HOS General Rules North of 60
Video - 34.4 Canada HOS Sleeper Berth Rules North of 60
Video - 34.5 Canada HOS Drivers Daily Log
Chapter 34 Crossing The Canadian Border Test
Chapter 35 Basic Business Practices PowerPoint
Chapter 35 Basic Business Practices Test
Haz-Mat Test
Pre-Trip Assignment
Skills
Road

Subject to change. Please consult your Canvas course for the most current instructions and updates.

Classroom Hours

Mo, Tu, W, Th, Fr
7:00 AM - 6:00 PM

For a full list of course hours visit: [Course Schedule](#)

Instructor Contact Information

Terrance Bresina – tbresina@stech.edu
James Coats – jcoats@stech.edu
Christopher Macias – cmacias@stech.edu
David Terry – dterry@stech.edu
James Visarraga – jvisarraga@stech.edu
Chantry Brindley – cbrindley@stech.edu

Office Hours: By appointment

Email is the preferred method of communication; you will receive a response within 24 hours during regular business hours.

Canvas Information

Canvas is the where course content, grades, and communication will reside for this course.

- stech.instructure.com
 - For Canvas passwords or any other computer-related technical support contact Student Services.
 - For regular Hours and Weekdays call (435) 586 - 2899.
 - For after Hours & Weekends call (435) 865 - 3929 (Leave a message if no response).
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Course Policies

Students must pass with a minimum of 80%, and grades are based on the following categories: Classroom Work – 30%, Pre-trip – 20%, Skills – 20%, Road – 30%.

Grade Scale: The following grading scale will be used to determine a letter grade from the progress percentage:

- | | | | |
|-----------------|-----------------|-----------------|-----------------|
| • A : 94 - 100% | • B : 83 - 86% | • C : 73 - 76% | • D : 63 - 66% |
| • A- : 90 - 93% | • B- : 80 - 82% | • C- : 70 - 72% | • D- : 60 - 62% |
| • B+ : 87 - 89% | • C+ : 77 - 79% | • D+ : 67 - 69% | • F : 0 - 59% |

Attendance is required in this course. The Federal Motor Carrier Safety Administration (FMCSA) requires everyone wishing to obtain a Comerical Drivers Licience (CDL) to attand an approved training program and have documented hours.

Cell Phone use: when driving or observing in the semi trucks cell phones are not permitted, no exceptions it's the law.

Drug & Alcohol Safety Policy: drug and alcohol use and abuse during the duration of the training program are strictly prohibited. If you are suspected or found abusing any substance, Southwest Technical College has the right to require an additional full drug screen at the student expense. Each individual is responsible for safety, and we reserve the right to remove anyone from the training program which includes; in class instruction an/or in-truck driving training for any unsafe practices. This will be determined by the instructor and college administration. No exceptions! Smoking is not permitted in the semi trucks.

Industry Environment: The program is designed to provide the student with real world hands on driving experience. If you are unsafe behind the wheel while driving you will be ask to stop the vehicle and removed from driving. This decision is the instructors and Directors.

Additional Information

InformaCast Statement: Southwest Tech uses InformaCast to ensure the safety and well-being of our students. In times of emergency, such as weather closures and delays, this app allows us to promptly deliver notifications directly to your mobile devices. To stay informed and receive real-time updates, we encourage all students to sign up for notifications. Your safety is our priority, and staying connected ensures a swift response to any unforeseen circumstances. More information and directions for signing up are available at: <https://stech.edu/emergency-notifications/>

Internet Acceptable Use Policy: The student is expected to review and follow the Southwest Technical College Internet Safety Policy at: <https://stech.edu/students/policies/>

Student Code of Conduct Policy: The student is expected to review and follow the Southwest Technical College Student Code of Conduct Policy at: <https://stech.edu/students/policies/>

Accommodations: Students with medical, psychological, learning, or other disabilities desiring accommodations or services under ADA, must contact the Student Services Office. Student Services determines eligibility for and authorizes the provision of these accommodations and services. Students must voluntarily disclose that they have a disability, request an accommodation, and provide documentation of their disability. Students with disabilities may apply for accommodations, based on an eligible disability, through the Student Services office located at 757 W. 800 S., Cedar City, UT 84720, and by phone at (435) 586-2899. No diagnostic services are currently available through Southwest Technical College.

Safety and Building Maintenance: The College has developed and follows a variety of plans to ensure the safe and effective operation of its facilities and programs. The following plans are available online:

1) Facilities Operations and Maintenance Plan; 2) Technical Infrastructure Plan; and 3) Health and Safety Plan.

Withdrawals and Refunds: Please refer to the Southwest Technical College Refund Policy at: <https://stech.edu/students/policies/>

Any high school or adult student, who declares a technical training objective is eligible for admission at Southwest Technical College (Southwest Tech). Program-specific admissions requirements may exist and will be listed on the Southwest Tech website. A high school diploma or equivalent is not required for admission but is mandatory for students seeking Title IV Federal Financial Aid.

Non-Discriminatory Policy: Southwest Technical College affirms its commitment to promote the goals of fairness and equity in all aspects of the educational enterprise, and bases its policies on the idea of global human dignity.

Southwest Tech is committed to a policy of nondiscrimination. No otherwise qualified person may be excluded from participation in or be subjected to discrimination in any course, program or activity because of race, age, color, religion, sex, pregnancy, national origin or disability. Southwest Technical College does not discriminate on the basis of sex in the education programs or activities that it operates, as required by Title IX and 34 CFR part 106. The requirement not to discriminate in education programs or activities extends to admission and employment. Inquiries about Title IX and its regulations to STECH may be referred to the Title IX Coordinator, to the Department of Education, and/or to the Office for Civil rights.

If you believe you have experienced discrimination or harassment on our campus, please contact the Title IX Coordinator, Cory Estes: cestes@stech.edu, (435) 865-3938.

For special accommodations, please contact the ADA Coordinator, Cyndie Tracy: ctracy@stech.edu, (435) 865-3944.

Southwest Technical College

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