



## DMT 1840

**Division:** Career and Technical Education

**Department:** Transportation Technology

**Course:** DMT 1840

**Title:** Commercial Driver

**Catalog Description:**

This course is designed to prepare a student for the Commercial Driver License Class "B" written and performance exams. An additional fee is required.

**General Education Requirements:** N/A

**Semesters Offered:** Spring

**Credit/Time Requirement:** Credit: 1; Lecture: 0; Lab: 1

**Clock/Hour Requirements:** 0

**Offered for Non-Credit:** No

**Prerequisites:** Student must hold a class "D" Motor Vehicle Driver

**Corequisites:** N/A

**Justification:**

A Class "B" Commercial Driver's License is required to operate any vehicle with a Gross Vehicle Weight Rating over 26,000 pounds. Most dump trucks fit into this category. Many employment opportunities exist that, while encompassing driving a commercial vehicle only part of the time, still require the CDL as a prerequisite for employment.

**Student Learning Outcomes:**

Upon completion of this course, the student will:

- be prepared to take and pass examinations comparable to the Commercial Driver License written exams for General Knowledge and Air Brakes
- be prepared to take and pass examinations comparable to the Commercial Driver License Vehicle Inspection Performance Examination
- be prepared to take and pass examinations comparable to the Commercial Driver License Basic Control Skills Performance Examination
- be prepared to take and pass examinations comparable to the Commercial Driver License Road Test Performance Examination.

**Content:**

Course objectives will be accomplished by providing students with learning experiences in the following areas:

- drug and alcohol effects, heavy vehicle backing, service and emergency use of hydraulic and air brake systems, cargo handling, weight distribution, emergency evasive maneuvers, adverse weather driving, vehicle safety inspection, accident procedures, emergency equipment use, and drive train application
- preparation material and hands-on experience covering Commercial Vehicle systems and components, i.e., lights, brakes, drive train, suspension, chassis and emergency equipment and their inspection prior to operation of the vehicle
- hands-on experience executing blind-side parallel parking, sight-side parallel parking, alley docking, straight-line backing, backward serpentine and right-hand turns
- space management, signaling, intersections, lane change, vehicle control and tire deflation response.

### **General Education Outcomes:**

### **Applied Education Outcomes:**

1) Students will acquire entry-level skills specific to and appropriate for employment in their chosen field of study.

Prepare to take and pass the Commercial Driver License written exams for General Knowledge and Air Brakes.

2) Students will become aware of industry specific certification and develop skills sufficient to acquire the same.

Prepare to take and pass the Commercial Driver License Vehicle Inspection Performance Examination. Prepare to take and pass the Commercial Driver License Basic Control Skills Performance Examination. Prepare to take and pass the Commercial Driver License Road Test Performance Examination.

### **Key Performance Indicators:**

Student Learning Outcomes will be assessed by two or more of the following Key Performance Indicators:

- passing written examinations comparable to those given at the Utah Driver License Office
- safety inspection of commercial vehicle. 80% of components must be identified and the conditions for safe operation detailed in a hands-on/oral examination
- execution of straight line backing, offside backing and alley docking, with fewer than 12 points deduction for encroachments, pull-ups and vehicle placement
- passing written examination on the scoring criteria for the State of Utah Commercial Driver License Road Test Performance Exam.

### **Representative Text and/or Supplies:**

- UTAH Commercial Vehicle Driver Handbook, current edition.
- Truck Driver Handbook/Workbook, current edition.
- Students will be supplied with above reference materials and practice exams.

**Optimum Class Size: 6**  
**Maximum Class Size: 6**

**Signatures:**

I hereby submit this course syllabus:

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Robert Boyer, BS, Instructor

I hereby find this course consistent with the goals and resources of the Transportation Technology Department:

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Brent Reese, BS, Associate Professor, Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

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Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

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Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

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Michelle Olsen, MLS, Campus Librarian (Richfield Campus)