



## Special Topics in Occupational Safety and Health Technology (OSHT 1191)

**Credit:** 1 Semester credit hour.

**Prerequisite:** Passed the writing portion of TSI or other accepted testing instrument.

### Course Description

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

### Required Textbook and Materials

1. *Federal Motor Carrier Safety Regulations Book*. **J.J. Keller**, product code: 765(017-H)  
**ISBN: 978-1-60287-592-0**

**AND**

*Handling Hazardous Materials*. **J.J. Keller**, product code: 3033(370-H)  
**ISBN: 978-1-60287-567-8**

2. 11/2 – 2” 3-ring binder, with pockets

Notebook paper for binder

\*Organization of notebook; contents should include:

- Cover page with first and last name
- Title of course
- Day and time of weekly class meeting
- Semester (example, “Fall 2015”)
- Dividers labeled, syllabus, study questions, handouts, graded work
- 1 USB Flashdrive

### Course Objectives

Upon completion of the course the student will be able to:

1. Identify/comply with the Federal Motor Carrier Safety Regulations as prescribed by the U.S. Dept. of Transportation
2. Exhibit proficiency in retrieving specific information from the FMCSA regulations, specifically parts: 40, 303, 325, 350-399.

### Course Outline

#### A. Welcome to LIT:

1. Introduction of faculty and students
2. Syllabus
3. Course Expectations/Report Guidelines
4. Assignment 1

#### B. FMCSR General Applications

1. Part 390 Subpart A (390.1-390.7)

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COURSE SYLLABUS

2. Definitions
3. Handling Hazardous Materials, Part 171 Subpart A
- C. FMCSR General Requirements, Part 390 Subpart B
  1. Forms and registration
  2. Vehicle Marking
  3. Intermodal equipment
  4. Recordkeeping requirements reference
- D. Parts 380, 383, & 391
  1. Who must be qualified
  2. Initial qualification
  3. Qualifications for CMV
  4. Verifying physical qualifications
  5. Certified Medical Examiners
  6. Motor vehicle record check
- E. Part 391
  1. Road Test & exceptions
  2. Entry level driver training
  3. Longer combination vehicle training
  4. Annual review of driving record
  5. Record of violations
  6. Drivers qualification file
  7. Disqualifications
- F. Part 392
  1. Driver impairment and distraction
  2. Illness or fatigue
  3. Drug/Alcohol use or possession
  4. Texting/Using a hand-held cell phone
  5. Seatbelts
  6. Hazardous driving conditions
  7. Prohibited practices
- G. Accidents: Parts 390 & 382
  1. Accident recordkeeping
  2. Accident investigations
- H. Parts 392, 397, & 385
  1. Driving related restrictions
  2. Hazardous materials incident reporting
  3. Sample report forms
- I. Part 385 DOT Auditing
  1. Audit criteria
  2. Safety rating process
- J. Subpart Z – Toxic & Hazardous Substances
  1. 1915.1001 Asbestos
  2. 1915.1026 Hexavalent Chromium
  3. 1915.1028 Benzene
- K. 1917 Subpart A – Marine Terminals
  1. Definitions

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- L. Part 382 Drugs & Alcohol
  - 1. Who is subject
  - 2. Types of tests
  - 3. Prohibited conduct
  - 4. Safety sensitive function
  - 5. Refusal to submit to testing
- M. Part 40 Drugs & Alcohol
  - 1. The testing process
  - 2. Clinics/labs
  - 3. Testing devices allowed
  - 4. Return to duty

### Grading Scale

- A = 90-100
- B = 80-89
- C = 70-79
- D = 60-69
- F = Less than 60

### Course Evaluation

Final grades will be calculated according to the following criteria:

- |             |     |
|-------------|-----|
| 1. Test I   | 20% |
| 2. Test II  | 20% |
| 3. Final    | 35% |
| 4. Report   | 15% |
| 5. Notebook | 10% |

### Course Requirements

- 1. Students are required to complete reading assignments, answer any study questions provided, and turn in assignments by dates specified by the instructor. No late work will be accepted.
- 2. Students must complete a report on an 18-wheeler accident. *This report must be turned in on the date specified by the instructor and no late work will be accepted.*
- 3. An oral presentation of research results is required by the student.

### Course Policies

- 1. No food, drinks, or use of tobacco products in class.
- 2. Beepers, telephones, headphones, and any other electronic devices must be turned off while in class.
- 3. Do not bring children to class.
- 4. No late assignments will be accepted.
- 5. Tests: Students that miss a test are not allowed to make up the test.

**\*Cheating on a test will result in an "F" for the semester AND possible expulsion from the**

program. On test nights, cell phones will be collected and remain on my desk until you finish your exam. Please review the “Code of Conduct & Disciplinary Policy” and “Academic Dishonesty” on pages 33 through 35 of the LIT Catalog and Student Handbook.

\* Failure to take the final exam will result in an F or I.

6. Attendance Policy. This policy will be covered on the first class day.
7. If you wish to drop the course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an “F” in the course.
8. Students are expected to use courteous and respectful language while participating in course discussions and presentations.
9. Additional class policies as defined by the individual course instructor.

### Disabilities Statement

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator, at (409) 880-1737 or visit her office located in the Cecil Beeson Building, room 116B.

### Course Schedule

Week 1	Course Introduction, Syllabus & Policies, Assignment 1 Guidelines for Report
Week 2	FMCSR Part 390.1-390.7 (Subpart A)
Week 3	Labor Day Holiday
Week 4	FMCSR Part 390 Subpart B Gen. Requirements
Week 5	Driver Qualifications, Parts 380 (Subparts A-E) & 383 (Subparts A-D), Part 391 (Subparts B & C)
Week 6	Driver Qualifications, Part 391 (Subpart D), Part 391.25, 391.27, 391.15 & Subpart F (General Requirements for Driver Qualification Files)
Week 7	Exam I October 5, 2015
Week 8	CMV Driving Rules, Part 392 Subparts A through H
Week 9	CMV Driving Accidents, Parts 390.15 & 382.303
Week 10	CMV Driving HAZMAT, in FMCSR text Parts 392.10 & 392.51, 385 Subpart E, & 397 Subparts A through D. In HHM text, Part 171. 15 and 16
Week 11	Exam II November 2, 2015
Week 12	<b>11/9/2015</b> – Completed report due Audits and Ratings, Part 385 Subpart A, Appendix A to Part 385 (Explanation of Safety Audit Criteria) & Appendix B to Part 385
Week 13	Drugs/Alcohol, Part 382 Subpart A

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Week 14	Drugs/Alcohol, Part 40, The testing process
Week 15	Oral Presentations
Week 16	Final

\*The order in which topics are covered is subject to change. Test/presentation dates are also subject to change.

**Contact Information:**

Instructor: Joy Griffin  
Office: 240 Multipurpose Ctr.  
Telephone: (409)880-8850  
Office Hours: MTWR 12:00 – 4:00

If you need to contact me, I prefer email (Email: [joy.griffin@lit.edu](mailto:joy.griffin@lit.edu).) because I am frequently away from my desk. If you must call and I am away from my office, please leave a voice message. I will contact you as soon as my schedule allows.

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