

STUDENT WARNING: This course syllabus is from a previous semester archive and serves only as a preparatory reference. Please use this syllabus as a reference only until the professor opens the classroom and you have access to the updated course syllabus. Please do NOT purchase any books or start any work based on this syllabus; this syllabus may NOT be the one that your individual instructor uses for a course that has not yet started. If you need to verify course textbooks, please refer to the online course description through your student portal. This syllabus is proprietary material of APUS.

American Public University System

The Ultimate Advantage is an Educated Mind

<p>School of Business TLMT318 Hazardous Materials Transportation 3 Credit Hours 8-Weeks Prerequisites: None</p>

Please see the **Lessons** area in the classroom for additional course specific information

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Course Description (Catalog)

This course is a study of the preparation of, transportation of, packaging of, delivery of and training required, to prepare hazardous materials. Course topics include container, vehicular, storage, mode, on load/offload, and other considerations associated with hazardous materials transportation.

Course Scope

The course goes into the Federal regulations and guidelines that interact to govern the definition of Hazmat and the statutory requirements for preparing shipping receiving and storing, incident to transportation, of Hazmat. Because the field is rife with contradictions and is constantly changing the material is organized to stress learning how and where to find information. The course is designed to reinforce the need for careful reading and to reinforce the need for an understanding of regulatory intent as well as on full comprehension of the regulatory language.

Course Materials

9781598048131	US Department of Transportation	Emergency Response Guidebook, 2016 - available free online
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1. This eBook is available free online through this link:
<http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/Files/Hazmat/ERG2016.pdf>

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U.S. Department of Transportation (2016). Emergency Response Guidebook 2016.

2. Access to the various Codes of Federal Regulations (CFRs) is required. The best place to find all the CFRs is the Government Printing Office website and the best choice of GPO websites is : <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&tpl=%2Findex.tpl>

Course Objectives

After completing the course, a student will be able to:

1. Identify the primary Federal framework for defining Hazardous Material and contrast the differences between regulatory definitions
2. Illustrate the importance of the 29 CFR Hazard Communication Standard, requirement for a MSDS to Hazmat transportation
3. Define the internationally accepted mathematical technical and scientific terms used in Hazardous materials transportation
4. Describe the processes and procedures that lead to the promulgation of federal regulations and recognize all technical terms used.
5. Utilize information in the 49 CFR Parts 100-180 and recall the organization of all Codes of Federal Regulations
6. Differentiate safety and security issues related to the movement of hazardous materials
7. Recognize areas of specific concern related to packaging and protection of hazardous materials before, during and immediately after transportation
8. Examine the unique ownership issues related to regulated waste
9. Discuss Life Cycle Management and ownership issues

Course Outline

<u>Week</u>	<u>Topic(s)</u>	<u>Learning Objective(s)</u>
1	Personal Introduction Defining Hazmat	Discuss objectively the need for/application of Hazmat regulations to society. Identify and characterize the two major types (not classes) of material that are regulated Contrast the different Regulatory definitions of hazardous materials
2	The Emergency Response Guide	Analyze and apply the ERG
3	General Hazmat Knowledge	Recognize and apply correct terms definitions and units of measurement

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	Science math technical terms and concepts	
4	Use of the Regulations	Describe the processes and procedures that lead to the promulgation of federal regulations. Locate and properly apply information within the 49 CFR Use any Federal Regulation and understand the organization of <u>all</u> Codes of Federal Regulations
5	Use of the Regulations	Access data effectively in the Federal Regulations and master the organization of Codes of Federal Regulations
6	Expanding the scope of the Hazmat compliance envelope	Identify many common hazards that exist both at home and in the workplace and take the necessary actions to provide mandatory training
7	Waste	Examine the ownership issues of a Regulated waste
8	Logistics and Life cycle issues	Define Life Cycle Management and ownership costs

Course Delivery Method

This course delivered via distance learning will enable students to complete academic work in a flexible manner, completely online. Course materials and access to an online learning management system will be made available to each student. Online assignments are due by Sunday evening of the week as noted and include Forum questions (accomplished in groups through a threaded forum), examination, and individual assignments submitted for review by the Faculty Member). Assigned faculty will support the students throughout this eight-week course.

Policies

Please see the [Student Handbook](#) to reference all University policies. Quick links to frequently asked question about policies are listed below.

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[Drop/Withdrawal Policy](#)

[Plagiarism Policy](#)

[Extension Process and Policy](#)

[Disability Accommodations](#)

Grading Scale

Please see the [Student Handbook](#) to reference the University's [grading scale](#).

Citation and Reference Style

Attention Please: Students will follow the APA Format as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the APA Format.

Netiquette

Online universities promote the advancement of knowledge through positive and constructive debate – both inside and outside the classroom. Forums on the Internet, however, can occasionally degenerate into needless insults and “flaming.” Such activity and the loss of good manners are not acceptable in a university setting – basic academic rules of good behavior and proper “Netiquette” must persist. Remember that you are in a place for the rewards and excitement of learning which does not include descent to personal attacks or student attempts to stifle the Forum of others.

- **Technology Limitations:** While you should feel free to explore the full-range of creative composition in your formal papers, keep e-mail layouts simple. The Sakai classroom may not fully support MIME or HTML encoded messages, which means that bold face, italics, underlining, and a variety of color-coding or other visual effects will not translate in your e-mail messages.
- **Humor Note:** Despite the best of intentions, jokes and especially satire can easily get lost or taken seriously. If you feel the need for humor, you may wish to add “emoticons” to help alert your readers: ;-), :), ☺

Disclaimer Statement

Course content may vary from the outline to meet the needs of this particular group.

Academic Services

The Online Library is available to enrolled students and faculty from inside the electronic campus. This is your starting point for access to online books, subscription periodicals, and Web resources that are designed to support your classes and generally not available through search

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engines on the open Web. In addition, the Online Library provides access to special learning resources, which the University has contracted to assist with your studies. Questions can be directed to librarian@apus.edu.

- **Charles Town Library and Inter Library Loan:** The University maintains a special library with a limited number of supporting volumes, collection of our professors' publication, and services to search and borrow research books and articles from other libraries.
- **Electronic Books:** You can use the online library to uncover and download over 50,000 titles, which have been scanned and made available in electronic format.
- **Electronic Journals:** The University provides access to over 12,000 journals, which are available in electronic form and only through limited subscription services.
- **Tutor.com:** AMU and APU Civilian & Coast Guard students are eligible for 10 free hours of tutoring provided by APUS. [Tutor.com](http://tutor.com) connects you with a professional tutor online 24/7 to provide help with assignments, studying, test prep, resume writing, and more. Tutor.com is tutoring the way it was meant to be. You get expert tutoring whenever you need help, and you work one-to-one with your tutor in your online classroom on your specific problem until it is done.
- **Disability Accommodations:** Students are encouraged email dsa@apus.edu to discuss potential academic accommodations and begin the review process.

Request a Library Guide for your course (<http://apus.libguides.com/index.php>)

The AMU/APU Library Guides provide access to collections of trusted sites on the Open Web and licensed resources on the Deep Web. The following are specially tailored for academic research at APUS:

- Program Portals contain topical and methodological resources to help launch general research in the degree program. To locate, search by department name, or navigate by school.
- Course Lib-Guides narrow the focus to relevant resources for the corresponding course. To locate, search by class code (e.g., SOCI111), or class name.

If a guide you need is not available yet, please email the APUS Library: librarian@apus.edu.

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Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. This is automatically processed through the Assignments area of the course.