

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

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| <p>School of Business RLMT 645 Advanced Green Logistics 3 Credit Hours 8 Weeks Prerequisite(s): None</p> |
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Course Description (Catalog)

This **RLMT 645 Advanced Green Logistics** course examines the organization, planning, and controlling of recycling, reclaimed materials, and reclaim centers projects that are designated as “green.” The student is provided practical knowledge on “green” project planning, managing “green” project scope, sustainment, and environmental risk management.

Course Scope

This **RLMT 645 Advanced Green Logistics** course is designed to provide students with a familiarization of green logistics to include the environmental, economical, and societal challenges, issues, and impacts. Additionally, students will examine strategic and operational strategies, cost and benefit analysis, trends, and how policy and governmental guidelines shape green logistics. Students will analyze and evaluate how green logistics plays a role in the transportation and logistics field.

Course Objectives

After successfully completing this course, students will fulfill the following **Learning Objectives (LO)**:

- LO-1** Distinguish between green logistics and reverse logistics as well as the role each play within the transportation and logistics field.
- LO-2** Illustrate the components of sustainable logistics within green logistics and its three components to include social, environment, and the economy.
- LO-3** Compare the environmental impacts of transportation and logistics to include domestic and international systems.

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- LO-4** Assess how organizations can reduce their environmental footprint through the creation, development, and implementation of green processes through operational efficiencies and procedures.
- LO-5** Analyze the economic impact of green logistics through the assessment and dissection of logistic systems and supply chains.
- LO-6** Assess an organization's green logistics processes using the cost and benefits of the program to support its success with verifiable facts and statistics.
- LO-7** Explain the impact of green initiatives on society to include safety, health, etc. as well as the policies and guidelines that empower organizations to implement green logistics in their operations.
- LO-8** Design a green logistics program for an organization.

Course Delivery Method

This **RLMT 645 Advanced Green Logistics** 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 the last day of each week but Forum questions are due no later than Friday of the week they are assigned so others will have time to reply within the assigned period. The course includes examinations and quizzes (some graded electronically), and individual assignments.

Course Materials

Required Course Textbook:

McKinnon, A., Cullinane, S., Browne, M., & Whiteing, A. (2010). *Green Logistics: Improving the environmental sustainability of logistics*. London: Kogan Page.

(2006). Decoupling the environmental impacts of transport from economic growth. Paris OECD.
E-book can be found in the Online Library
Product ID: 184173
eBook ISBN: 9789264027138
ISBN: 9789264027121

Required Readings:

Anderson, T. L., & J, B. G. (2001). It isn't easy being green: Environmental policy implications for foreign policy, international law, and sovereignty. *Chicago Journal of International Law*, 2(2), 427-427-445.
Retrieved from <http://search.proquest.com/docview/237215868?accountid=8289> (**Article can be found in the online Library**)

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Bearth, D. P. (2008). Finding profit in green logistics. *Transport Topics*, (3776), S4-S4,S12-S13. Retrieved from <http://search.proquest.com/docview/210776545?accountid=8289> **(Article can be found in the online Library)**

Bowman, R.J. (2010). Rough seas on the voyage to sustainability. Supply Chain Brain. Retrieved from <http://www.supplychainbrain.com/content/headline-news/single-article/article/rough-seas-on-the-voyage-to-sustainability/> **(News article can be found at the URL provided)**

Carter, C. R., & Jennings, M. M. (2004). The role of purchasing in corporate social responsibility: A structural equation analysis. *Journal of Business Logistics*, 25(1), 145-145-186. Retrieved from <http://search.proquest.com/docview/212664414?accountid=8289> **(Article can be found in the online Library)**

Engel, R. (2008). *Going green with reverse logistics*. EE Times Design. Retrieved from <http://www.eetimes.com/design/smart-energy-design/4013545/Going-green-with-reverse-logistics> **(Article can be found at the URL provided)**

Greenhouse gas emissions standards and fuel efficiency standards for medium- and heavy-duty engines and vehicles. (2010). United States, Lanham: Federal Information & News Dispatch, Inc. Retrieved from <http://search.proquest.com/docview/814778713?accountid=8289> **(Article can be found in the online Library)**

Ho, Y., Lin, C., & Chiang, S. (2009). Organizational determinants of green innovation implementation in the logistics industry. *International Journal of Organizational Innovation (Online)*, 2(1), 3-3-12. Retrieved from <http://search.proquest.com/docview/194695205?accountid=8289> **(Article can be found in the online Library)**

Lin, C., & Ho, Y. (2011). Determinants of green practice adoption for logistics companies in china. *Journal of Business Ethics*, 98(1), 67-67-83. doi:10.1007/s10551-010-0535-9 **(Article can be found in the online Library)**

Lorman, T., & Dhar, N. (2001). Air force serves as the lead agency for a joint group on pollution prevention initiative to "green" support equipment. *Logistics Spectrum*, 35(2), 19-19-23. Retrieved from <http://search.proquest.com/docview/195311787?accountid=8289> **(Article can be found in the online Library)**

Mollenkopf, D., Stolze, H., Tate, W. L., & Ueltschy, M. (2010). Green, lean, and global supply chains. *International Journal of Physical Distribution & Logistics Management*, 40(1), 14-14-41. doi:10.1108/09600031011018028 **(Article can be found in the online Library)**

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Murphy, P. R., & Poist, R. F. (2003). Green perspectives and practices: A "comparative logistics" study. *Supply Chain Management*, 8(2), 122-122-131. Retrieved from <http://search.proquest.com/docview/216864832?accountid=8289> **(Article can be found in the online Library)**

Murphy, P. R., & Poist, R. F. (2000). Green logistics strategies: An analysis of usage patterns. *Transportation Journal*, 40(2), 5-5-16. Retrieved from <http://search.proquest.com/docview/204594194?accountid=8289> **(Article can be found in the online Library)**

Murphy, P. R., Poist, R. F., & Braunschweig, C. D. (1996). Green logistics: Comparative views of environmental progressives, moderates, and conservatives. *Journal of Business Logistics*, 17(1), 191-191-211. Retrieved from <http://search.proquest.com/docview/212596065?accountid=8289> **(Article can be found in the online library)**

Rao, P., & Holt, D. (2005). Do green supply chains lead to competitiveness and economic performance? *International Journal of Operations & Production Management*, 25(9), 898-898-916. Retrieved from <http://search.proquest.com/docview/232354804?accountid=8289> **(Article can be found in the online Library)**

Rodrigue, J-P *et al.* (2009) *The Geography of Transport Systems*, Hofstra University, Department of Global Studies & Geography, <http://people.hofstra.edu/geotrans>. **(Chapters can be found at the URLs listed below)**

- <http://people.hofstra.edu/geotrans/eng/ch8en/appl8en/ch8a4en.html>
- <http://people.hofstra.edu/geotrans/eng/ch8en/conc8en/ch8c4en.html>
- <http://people.hofstra.edu/geotrans/eng/ch8en/conc8en/ch8c1en.html>
- <http://people.hofstra.edu/geotrans/eng/ch8en/conc8en/ch8c2en.html>
- <http://people.hofstra.edu/geotrans/eng/ch8en/meth8en/ch8m1en.html>

Sarkis, J., Meade, L. M., & Talluri, S. (2004). E-logistics and the natural environment. *Supply Chain Management*, 9(3), 303-303-312. Retrieved from <http://search.proquest.com/docview/216861458?accountid=8289> **(Article can be found in the online library)**

Shaw, S., Grant, D. B., & Mangan, J. (2010). Developing environmental supply chain performance measures. *Benchmarking*, 17(3), 320-320-339. doi:10.1108/14635771011049326 **(Article can be found in the online library)**

Shrivastava, P. (1995). Environmental technologies and competitive advantage. *Strategic Management Journal (1986-1998)*, 16, 183-183. Retrieved

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from <http://search.proquest.com/docview/231078690?accountid=8289> **(Article can be found in the online Library)**

Supply Chain Brain (2008). *Supply chain footprints are here to stay*. Retrieved from <http://www.supplychainbrain.com/content/headline-news/single-article/article/supply-chain-carbon-footprints-are-here-to-stay/>**(News article can be found at the URL provided)**

Supply Chain Brain (2010). *Care of the environment*. Retrieved from <http://www.supplychainbrain.com/content/headline-news/single-article/article/care-of-the-environment/>**(News article can be found at the URL provided)**

Szymankiewicz, J. (1993). Going green: The logistics dilemma. *Journal of Enterprise Information Management*, 6(3), 36-36. Retrieved from <http://search.proquest.com/docview/220028831?accountid=8289> **(Article can be found in the online Library)**

Tibben-Lembke, R., & Rogers, D. S. (2002). Differences between forward and reverse logistics in a retail environment. *Supply Chain Management*, 7(5), 271-271-282. Retrieved from <http://search.proquest.com/docview/216860871?accountid=8289> **(Article can be found in the online Library)**

van Hoek, R.,I. (1999). From reversed logistics to green supply chains. *Supply Chain Management*, 4(3), 129-129. Retrieved from <http://search.proquest.com/docview/216860683?accountid=8289> **(Article can be found in the online Library)**

Wilson, D. (2009). Green and sustainable logistics. *Dairy Foods*, 110(8), 86-86. Retrieved from <http://search.proquest.com/docview/215365480?accountid=8289> **(Article can be found in the online Library)**

Wilson, M. P., & Schwarzman, M. R. (2009). Toward a new U.S. chemicals policy: Rebuilding the foundation to advance new science, green chemistry, and environmental health. *Environmental Health Perspectives*, 117(8), 1202-1202-9. Retrieved from <http://search.proquest.com/docview/222650756?accountid=8289> **(Article can be found in the online Library)**

| Evaluation Procedures | |
|-----------------------|------------------------|
| Graded Assignment | Percent of Final Grade |
| Week 1 - Forum | 5 |
| - APA Quiz | 3 |

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|-----------------|------------|
| Week 2- Forum | 5 |
| - Written Paper | 8 |
| Week 3 – Forum | 5 |
| - Quiz | 4 |
| Week 4 – Forum | 5 |
| - Written Paper | 8 |
| Week 5 – Forum | 5 |
| - Quiz | 4 |
| Week 6 – Forum | 5 |
| - Written Paper | 8 |
| Week 7 – Forum | 5 |
| - Final Project | 15 |
| Week 8 - Forum | 5 |
| - Final Exam | 10 |
| Total | 100 |

8-Week Course Outline

| Week | Topic(s) | Learning Objective(s) | Lesson(s) | Assignment(s) |
|-------------|---|------------------------------|------------------------|------------------------|
| 1 | Green Logistics vs. Reverse Logistics | LO-1 | Read & Review Lesson 1 | Forum APA Quiz |
| 2 | Sustainability (Environmental, Economical, Societal) | LO-2 | Read & Review Lesson 2 | Forum Written Paper |
| 3 | Environmental Impacts & Considerations | LO-3 | Read & Review Lesson 3 | Forum Quiz |
| 4 | Reducing Environmental Impacts | LO-4 | Read & Review Lesson 4 | Forum Written Paper |

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|---|---|-----------------------|------------------------|---------------------|
| 5 | Economic Impacts (Logistics Systems & Supply Chains) | LO-5 | Read & Review Lesson 5 | Forum Quiz |
| 6 | Economic Impacts (Cost & Benefit Analysis) | LO-6 | Read & Review Lesson 6 | Forum Written Paper |
| 7 | Societal Implications (Policy & Guidelines) | LO-2 thru LO-8 | Read & Review Lesson 7 | Forum Final Project |
| 8 | Wrap Up | LO-1 thru LO-8 | | Forum Final Exam |

Policies

Please see the Student Handbook to reference all University policies. The student handbook is available under the More Tools tab in the classroom.

FORUM EXPECTATIONS

Forum participation is mandatory and you are expected to provide a minimum of 400-word submission in each discussion board with a minimum of a 175-word reply to one other student's contribution.

The 8 Discussion Boards are worth a total of 40 points of your final grade. You are expected to finish the initial forum assignment by Friday night with responses to others by Sunday night. Please review the Forum Rubric below (located in Resources folder). Your grade and feedback for each Forum assignment will be based on this rubric.

WRITING EXPECTATIONS

All written submissions should be submitted in a font and page set-up that is readable and neat. It is recommended that students try to adhere to a consistent format, which is described below.

- Typewritten in double-spaced format with a readable style and font and submitted inside the electronic classroom (unless classroom access is not possible and other arrangements have been approved by the professor).
- Arial 11 or 12-point font or Times New Roman styles.
- Page margins Top, Bottom, Left Side and Right Side = 1 inch, with reasonable accommodation made for special situations and online submission variances.

CITATION AND REFERENCE STYLE

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Attention Please: Students will follow the APA Style Manual, 6th Edition 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 used in the APA Style Manual, 6th Edition.

LATE ASSIGNMENTS

Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. The due date for each assignment is listed under each Assignment. As adults, students, and working professionals, I understand you must manage competing demands on your time. We all know that “life happens” but it is important to adhere as closely to the deadlines in the class as possible.

Should you need additional time to complete an assignment, please contact me before the due date so we can discuss the situation and determine an acceptable resolution. If arrangements are not made in advance, a late penalty of 10% will be assessed for any assignment submitted 1-7 days past the due date. Assignments will not be accepted after the 7th day. No work will be accepted past the final day of class.

NETIQUETTE

Online universities promote the advance of knowledge through positive and constructive debate--both inside and outside the classroom. Discussions 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 fun and excitement of learning that does not include descent to personal attacks, or student attempts to stifle the discussion 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 Educator 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: ;-), :), ☺

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 engines on the open Web.

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In addition, the Online Library provides access to special learning resources, which the University has contracted to assist with your studies.

- **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 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.

DISCLAIMER STATEMENT

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