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American Public University System

The Ultimate Advantage is an Educated Mind

School of Business
Course Number: RLMT501
Course Name: Practical Applications in Economic Analysis
Credit Hours: 3
Length of Course: 8 weeks
Prerequisite: None

Course Description (Catalog)

RLMT501 – Practical Applications in Economic Analysis (3 hours) – This course is a comprehensive study of problem formulation and calculating return on investment (ROI) in project management such as applications for reverse logistics. The student will develop engineering economic analysis solutions to case study problems of returns, recalls, recycling, repackaging, waste management, as part of learning how to design a reverse logistics network or supply chain.

Course Scope

As today's business continues to be challenge business, it is essential that companies learn how to utilize and maximize their return on investment while still exceeding the expectations of customers. The course will prepare the learner to be able to address reverse logistical challenges currently vexing business as well as to offer preparation strategies for the future.

Course Objectives

After successfully completing this course, you will be able to:

LO-1 Design a virtual reverse logistics network

LO-2 Engineer a virtual network to support reverse logistics in an organization

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LO-3 Construct a method to calculate an economic return on investment analysis that includes both tangible and intangible benefits

LO-4 Debate and describe the basic principles regarding returns, recalls, recycling, repackaging and waste management as applied to reverse logistics

LO-5 Recommend an economic solution for returns within reverse logistics

LO-6 Develop an economic solution for recalls as applied to reverse logistics

LO-7 Develop an economic solution for repackaging as applied to reverse logistics

LO-8 Develop an economic solution for recycling as applied to reverse logistics

LO-9 Develop an economic solution for waste management as applied to reverse logistics

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 Discussion Board questions (accomplished in groups through a threaded discussion board), examination, and individual assignments submitted for review by the Faculty Member). Assigned faculty will support the students throughout this eight-week course.

Course Materials

Required Course Textbooks

Gordon, R. & Curlee, W. (2011). *The virtual project management office: Best practices, proven methods*. Vienna, VA: Management Concepts. ISBN: 978-1-56726-327-5.

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Luo, Z. (2011). *Green Finance and Sustainability : Environmentally-aware Business Models and Technologies*. Hershey, PA: IGI Global.

Evaluation Procedures

Course Component	Percent
Participation	08
Forum (8 Weeks)	16
Week 1 Paper	06
Week 2 Paper	10
Week 3 Paper	10
Week 4 Case Study	10
Week 5 Final Topic	05
Week 6 Case Study	10
Week 7 Case Study	05
Week 8 Research Paper	20
Total	100

8 – Week Course Outline

<u>Week</u>	<u>Topic</u>	<u>Learning Objectives</u>	<u>Readings</u>	<u>Assignment</u>
	Designing a reverse logistics network	LO-1	Reverse Logistics Websites and Videos Gordon & Curlee Text,	Discussion in Forums Paper

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1			Chapters 1-3 Week One Lecture	
2	Engineering a reverse logistics network	LO-2	Gordon & Curlee Text, Chapters 4-7 Week Two Lecture	Discussion in Forums Paper
3	Return on investment	LO-3	Gordon & Curlee Text, Chapters 8-10 Week Three Lecture	Discussion in Forums Paper
4	Reverse logistics network solution for returns	LO-4 LO-5	Read Case Study #1 Read Returns Reading Week Four Lecture	Discussion in Forums Case Study
5	Reverse logistics network for recalls	LO-4 LO-6	Read Recalls Reading Week Five Lecture	Discussion in Forums Topic Paper
6	Reverse logistics network for repackaging	LO-4 LO-7	Review Case Study #2 Repackaging Reading Week Six Lecture	Discussion in Forums Case Study
7	Reverse logistics network for recycling	LO-4 LO-8	Read Green Finance and Sustainability, Chapter 1-5	Discussion in Forums

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			Review Case Study #3 Week Seven Lecture	Case Study
8	Reverse logistics network for waste management Future of reverse logistics and supply chain management	LO-4 LO-9	Wanda & Curlee Text, Chapters 11-14 Read Green Finance and Sustainability, Chapter 18-23 Week Eight Lecture	Discussion in Forums Research Paper

Policies

Please see the Student Handbook under More Tools in the classroom.

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.

Online Library

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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. 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](https://www.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.