



SYLLABUS, Spring 2013

Course 1727 LOG 115 – Logistics Security and Risk Management

Hybrid online course

Meets Tuesdays, 5:30 – 7:40 pm, Bldg. 16, Room 208. 5 credits.

Prerequisite: RECOMMENDED PREPARATION LOG 102 with a minimum grade of C

Instructor

Instructor: Mr. ANDREAS UDBYE

Office location & office hours: In the classroom before and after class or by appointment. You may also e-mail or phone me with any questions you have.

Contact Information

E-mail: Either through Canvas, audbye@tacomacc.edu or to udbye@wamail.net

Phone: Either 253-564-2822 or 253-732-5858 (cell)

Catalog Description

This course overviews logistics security threats and risks and the countermeasures that can be used to secure fixed assets and assets in transit. Students will become familiar with applicable domestic and international standards, laws, and regulations as well as the technologies that are used in ensuring that the supply chain is safe.

Course Overview

Running a business or organization is inherently risky and fraught with uncertainties. Much of what management is about is identifying and controlling risks so that the organizational purposes and goals can be accomplished in a safe and profitable manner. Security risks that exist in a supply chain or logistics context are a subset of the myriad of risks and potential interruptions facing organizations, whether externally or internally generated. Security risks include various crimes and human misdeeds such as terrorism, vandalism, theft and trespassing. However, guarding against and preparing for natural disasters and accidents can also fit under this umbrella. Many of the methods used to prevent and mitigate crimes are also useful for preventing, preparing for and limiting the effects of natural and man-made disasters.

In this course we will learn to map the company's supply chain, vulnerabilities and exposures. We will work on identifying and assessing risks, as well as learn about suitable methods for preventing security breaches and recovering from the effects of breaches and events that do happen.

Key areas of study will be transportation and port security, access control, the regulatory framework, IT security as it pertains to supply chain management, as well as aspects of import and export compliance. All modes of transportation will be covered, as will security aspects of both domestic and international commerce.

College Wide Student Learning Outcomes

Tacoma Community College has identified six college-wide student learning outcomes that form the foundation of our educational emphasis: 1) communication (**COM**), 2) critical thinking & problem-solving (**CRT**), 3) responsibility & ethics (**RES**), 4) information & information technology (**IIT**), 5) living & working cooperatively (**LWC**), and 6) core of knowledge (**COK**).

Program Learning Outcomes (“PLO’s”) – Business

Upon successful completion of the Associates in Applied Sciences degree in Business, students will:

1. Be able to identify, select, communicate, and implement sound and appropriate business management or logistic concepts, strategies, and best practices in the pursuit of effective and efficient business operations. (COM, CRT, RES, IIT, LWC)
2. Demonstrate an ability to critically evaluate, problem solve, make and communicate effective decisions about business or logistic situations. (COM, CRT, RES, LWC)
3. Display effective interpersonal communication; leadership; motivation; and team dynamics skills in their interactions with others. (COM, CRT, RES, LWC).
4. Communicate effectively about business management or logistic issues, including the demonstration of competence with a wide variety of electronic tools to research, analyze, manage, and present information orally and in writing. (COM, CRT, IIT)
5. Consistently apply, role model, and communicate high standards of ethical judgment and behavior in the conduct of personal and business affairs. (COM, CRT, RES, LWC)

Detailed Course Outcomes

1. Define the threats regarding the transit and storage of goods as they are transported through the supply chain. **PLO:** 1
2. Describe the importance of the global transportation system. **PLO:** 1
3. Explain the role of industry organizations, US government agencies, and applicable domestic and international standards, laws, and regulations in combating logistics threats. **PLO:** 1, 2
4. Explain how security counter measures are used to combat logistics security threats. **PLO:** 1,2

Topics covered

Please refer to the Course Outline/Lesson Plan for a detailed listing. Examples of subjects are:

- The global risk environment and the drivers of security risks.
- Various security breaches and risks that affect organizations.
- Seeing security risks in the broader context of supply chain risks.
- Mapping a company’s procedures and identifying exposures.
- Assessing the frequency and negative impact of security incidences and breaches.
- Evaluating and comparing risk prevention and mitigation methods, including physical and procedural efforts.
- Methods for monitoring risks, ensuring regulatory compliance and improving the security and risk management systems.

- Understanding how a culture of security, safety and compliance needs to permeate a company.
- Governmental agencies responsible for major areas of security enforcement.
- Assessing physical tools for safeguarding and tracking assets, merchandise and personnel.
- Security issues as they pertain to the various modes of transportation.
- Security management in the context of the three supply chain flows: product, information and money.
- The concepts of situational awareness, adaptation and organizational learning.

Instructional Methods Used

Lectures, readings, case studies, class discussions, site visits: This course has a weekly classroom session, supplemented with material furnished through an electronic teaching board (Canvas or Angel). The attendance requirement will make it easier to work on in-class projects, have in-class discussions and accommodate guest speakers. There will also be one or two field trips. There is a textbook, and additional readings will be provided through the electronic interface.

Textbooks & Supplemental Materials

Required textbook (available in the TCC bookstore):

Supply Chain Security: International Practices and Innovations on Moving Goods Safely and Efficiently, Edited by Andrew R. Thomas, Published 2010 by Praeger/ABC-CLIO, LLC. Consists of 2 volumes.

Supplies

No unusual supplies are necessary to complete and succeed in this course.

Evaluation Criteria & Grading Standards

Assessment item:	Points available:
Attendance and participation (10 class sessions)	100
10 weekly case analyses and write-ups @ 40 points each	400
Project 1	100
Project 2	100
Midterm and final exams @ 150 points each	300
Total available	1,000 points = 100%

More details on the assessment items (more information about this will be provided the first day in class):

Attendance and participation: The class meets Tuesday evenings and attendance is expected unless there is a valid reason for the absence (please notify in advance if possible). Participating actively in class will be rewarded.

Weekly case analyses: Each week there will be a link to an article about a current or recent problem or incident pertaining to supply chain security. Your task is to write about 500 words (one page) in response to a few questions asked about the article.

Projects: **Project 1** involves doing research on the security practices and challenges of a major American port, and then summarize the findings in a 1,000 word report. **Project 2** is a short paper (about 1,250 words) about a new security technology or methodology that you find interesting and would like to learn more about.

Midterm and final exams: Non-cumulative and will consist of multiple choice and short essay questions. Administered electronically (open book, at home)

Grading:

These scores will determine your final grade (fractions will be rounded up):

A:	92.5 – 100%
A-:	87.5 – 92.4%
B+:	84.2 – 87.4%
B:	80.9 – 84.1%
B-:	77.5 – 80.8%
C+:	74.2 – 77.4%
C:	70.9 – 74.1%
C-:	67.5 – 70.8%
D+:	64.2 – 67.4%
D:	60.9 – 64.1%
E:	Less than 60.9%

Withdrawals and Incompletes: According to TCC policy.

Class Policies

Academic Dishonesty: Academic dishonesty includes (1) cheating, (2) plagiarism, (3) fabrication, and (4) academic misconduct. Cheating is an act of dishonesty by which the student misrepresents that he or she has mastered information on an academic exercise that in fact has not been mastered. Plagiarism is the inclusion of someone else's words, ideas, or data as one's own work without acknowledgement. Fabrication is the intentional use of invented information or the falsification of research or other findings with the intent to deceive. Academic misconduct is the intentional violation of a college policy. Acts of academic dishonesty are sufficient grounds for earning a grade of "E" in the course. The complete administrative procedure for academic dishonesty is available on the TCC website at:

<http://www.tacomacc.edu/resourcesforstudents/studentpolicies/administrativeprocedureforacademicdishonesty.aspx>

A few words about citing sources (avoiding plagiarism): Please make sure that in your case write-ups and project you get into the habit of properly citing and referring to your sources. For example, you can use the APA or IEEE conventions.

Withdrawal: Students may withdraw from the class before the 50th calendar day of the quarter following the procedures detailed in the TCC Catalog. Withdrawal before the 11th day of the quarter does not require an instructor's signature. Withdrawal between the 11th and 50th day of the quarter requires an instructor's signature and results in a grade of "WI" for the class. Saving a grade point average is not a valid reason to withdraw. For other situations and/or circumstances affecting withdrawal, please see the TCC Catalog and the instructor.

Challenges to Your Success: If you are specially challenged to meet your learning objectives, please arrange to see me to discuss what the college and I can reasonably do to help you meet your goals. It is best to have the discussion early in the quarter. If you need specific auxiliary aids or services due to a disability, please contact the Access Services office in Building 7 (253-566-5328). They will require you to present formal, written documentation of your disability from an appropriate professional. When this step has been completed, arrangements will be made for you to receive reasonable auxiliary aids or services. The disability accommodation documentation prepared by Access Services must be given to me before the accommodation is needed so that appropriate arrangements can be made.

Approved Excuse: An approved excuse is defined as an excuse pre-approved by your instructor or a death in your immediate family or a severe illness to yourself or a member of your immediate family. In the cases of a death or a severe illness, a written verification by a third party may be required upon your return to class. Severe illness to a member of your immediate family will not qualify if the illness is extended and other care can be planned.

Extra Credit: There is no opportunity to earn extra credit.

Class Outline and Schedule: An initial outline will be provided no later than the first week of the quarter. It will be posted and updated on the website for LOG 115. Please note that the syllabus and course outline are subject to change, and you should check Canvas frequently.

Assistance with electronic portal and Angel: See separate document on tutorials and help with the Angel Content Management system that we use.

General Classroom Policies

Attendance/interaction:	Required and rewarded, as mentioned.
Written work:	The class project must be in a file format compatible with Windows XP, Vista, 7 or 8.
Late work:	Only accepted upon prior agreement.
Cell phone/beepers:	Turn off during class. No text messaging during class.
Children in class:	Please not.
Food/beverages in class:	Only beverages (with lids) are accepted.
Laptops:	If you take notes on a laptop be considerate and tap gently

The Instructor:

My name is Andreas Udbye, and I label myself an international trade professional. I am Washington State's first "Certified Global Business Professional", after having passed a national exam in 2005. I am currently a doctoral student working on my dissertation in Supply Chain Risk Management. I occasionally teach courses at Pacific Lutheran University and UW Tacoma. I am gradually moving from the private sector to becoming an educator. I served as the Executive Director of the World Trade Center Tacoma from 2001 to 2007. Before that I held several management jobs in maritime transportation, logistics, importing and exporting. I also established and ran two small companies in Seattle in the 1990's, both related to international commerce. I am originally from Norway, but now hold U.S. citizenship. I received my BBA from Pacific Lutheran University and an MBA from University of Washington in Seattle. I hope to be able to contribute to your learning and boost your interest in global supply chain management and logistics. Although in this class we will be dealing with things that can go wrong, the overriding purpose is to make us all more resilient and able to come through for our ultimate customers.