

COURSE OUTLINE

Kim Alexander Date: September, 2010

DEPARTMENT: Workforce Education/Professional Technical

CURRICULUM: Logistics, Transportation, and Supply Chain Management Program

COURSE TITLE: Transportation and Border Security

COURSE NUMBER: LOG 239

TYPE OF COURSE: Short Term Training

COURSE LENGTH: 11 Weeks

CREDIT HOURS: 44

LECTURE HOURS: 44

LAB HOURS: 0

CLASS SIZE: 25

PREREQUISITES: On COMPASS placement test: Writing – 68; Reading – 81; Math – 50; and, for ESL students, Listening – 75.

COURSE DESCRIPTION: This course will provide an in-depth view of modern border and transportation security, including the protection of seaports, ships, aircraft, trains, trucks, pipelines, etc. The course will cover specific facets of transportation security, including physical and procedural controls, and regulations of the Department of Homeland Security, the Transportation Security Administration, the Federal Aviation Administration, the U.S. Coast Guard, and others. It will also discuss current threats, counter terrorism measures, new technologies, and the importance of both passenger and cargo security to the global economy.

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Communication
2. n/a
3. Human Relations
4. Critical Thinking & Problem Solving
5. Technology
6. Personal Responsibility

7. Information Literacy

GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Accurately read and interpret geographical maps, diagrams, etc.
2. Analyze critical data.
3. Problem-solve using key concepts and principles in border control and transport security.
4. Write clear, accurate, detailed, and concise reports.
5. Work effectively with others.
6. Accurately identify critical land and water boundaries.
7. Identify critical national and international laws and regulations regarding immigration, transportation, customs, etc.

TOPICAL OUTLINE:

APPROX. HOURS (44)

I. Introduction	1
II. Geographical and Resource Challenge	2
III. Border Issues	2
IV. Federal Response	2
V. Role and Function of Customs and Border Protection	2
VI. State of Washington's Strategy for Homeland Security	3
VII. Technology and Future Border Control	3
VIII. Airports, Railroads, Seaports	3
IX. Trucks, Mass Transportation, and Pipelines	2
X. Protecting Transportation Facilities	3
XI. Threat Analysis	2
XII. Physical Security	2
XIII. Cargo	3
XIV. Airport Screening	3
XV. New Technologies	2
XVI. Site Visits	4
XVII. Careers in Transportation and Border Security	2
XVIII. Practical Exercise	3
TOTAL HOURS	44

Kim Alexander, Dean
September, 2010