



I. GENERAL COURSE INFORMATION

Subject and Number: Administration of Justice 12
Descriptive Title: Transportation and Border Security Management
Course Disciplines: Administration of Justice
Division: Industry and Technology

Catalog Description:

This course provides an overview of modern border and transportation security challenges. Different methods designed to address these challenges will be explored. The course covers a time period from post 9/11 to present. Topics associated with border security and security for transportation infrastructure include: ships, aircraft, railways, pipelines, and highways. Additional topics include technological solutions employed to enhance security of borders and transportation systems. Students will discuss the legal, economic, political, and cultural concerns as well as impacts associated with transportation and border security.

Conditions of Enrollment:

Recommended Preparation: Administration of Justice 11 AND English A

Course Length:	X Full Term	Other (Specify number of weeks):
Hours Lecture:	3.00 hours per week	TBA
Hours Laboratory:	0 hours per week	TBA
Course Units:	3.00	

Grading Method: Letter
Credit Status: Associate Degree Credit

Transfer CSU: X Effective Date: 6/17/2013
Transfer UC: No Effective Date:

General Education:

El Camino College:

CSU GE:

IGETC:

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

SLO #1 Law Enforcement Agencies

Students taking AJ 12, after participating in classroom discussions, completing in-class writing assignments, viewing video presentations and reading text materials, will be able to successfully define the roles and functions of local, federal and international law enforcement and describe ways in which those respective agencies interact.

SLO #2 Counterterrorism Technologies

Students taking AJ 12, after participating in classroom discussions, completing in-class writing assignments, viewing video presentations and reading text materials, will be able to identify and describe specific technologies used in countering terrorism and explain how those technologies are used.

SLO #3 Transportation System Vulnerabilities

Students taking AJ 12, after participating in classroom discussions, completing in-class writing assignments, viewing video presentations and reading text materials, will be able to look at the national transportation systems, air, rail, waterways and interstate highways, and identify 5 specific areas of vulnerabilities and risks.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below)

1. Evaluate the general vulnerabilities and risks in transportation and border security systems.
2. Compare and contrast the roles, functions, and interdependency between local, federal and international law enforcement, and military agencies to foster border security.
3. Assess the weaknesses of the supply chain system and modes of transportation.
4. Discuss the differences in dealing with security threats for passenger versus freight/cargo transportation systems.
5. Outline the primary federal and state/local agencies in the United States who are affiliated with border security and transportation security including Department of Homeland Security (DHS) and Department of Transportation (DOT) resources, and the ethical parameters in which they operate.
6. Discuss the impact of legal, economic, political, and cultural concerns as they relate to transportation security.

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lecture	3	I	Transportation Security and Its Impact A. Model aspects of transportation security B. Transportation security solutions
Lecture	3	II	Global Economy and National Security A. Logistics transformation B. Transportation security and national security C. Legal, economic, political, and cultural concerns and impacts
Lecture	9	III	Transportation System Elements A. Land mode, rail mode, maritime mode B. Aviation mode and electronic mode C. Transportation system network D. Mobility and security theories
Lecture	3	IV	Mobility Security and Human Behavior A. Mobility and security theory B. Mobility security initiatives C. Fear appeals and human coping behavior
Lecture	6	V	Road Transportation and Infrastructure Security A. Security issues and threats B. Road elements and vulnerability
Lecture	6	VI	Aviation Security A. Evolution of aviation security B. Aviation security threats C. Aviation security areas
Lecture	6	VII	Maritime Security A. Historical piracy B. Maritime security issues C. Maritime terrorism
Lecture	3	VIII	Computer and Transportation Security A. Holistic security design B. Computers and physical security
Lecture	3	IX	Intermodal Transportation Security Technology A. Container security measures B. Container tracking technologies
Lecture	6	X	Applying Military Situational Awareness Systems to Transportation Applications A. Integrated situational awareness B. Communications network management C. Data fusion and data correlation for transportation

Lecture	6	XI	Transportation Security Solutions A. Foundations of military logistics B. Infrastructure recovery initiatives
Total Lecture Hours	54		
Total Laboratory Hours	0		
Total Hours	54		

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. PRIMARY METHOD OF EVALUATION:

Substantial writing assignments

B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:

Prepare a one-page paper analyzing the general threats to the marine transportation industry.

C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

1. Given a simulated transportation threat, evaluate the strategic objectives that may be considered by the United States Department of Homeland Security to mitigate the threat. Prepare a one-page report outlining these objectives.
2. Prepare a written report, limited to two pages, which compares and contrasts the roles of the civilian law enforcement community versus the military as related to border security.

D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:

Essay exams
Objective Exams
Quizzes
Homework Problems
Term or other papers
Multiple Choice

V. INSTRUCTIONAL METHODS

Demonstration
Discussion
Group Activities
Guest Speakers
Lecture

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Study
Required reading
Problem solving activities
Written work

Estimated Independent Study Hours per Week: 6

VII. TEXTS AND MATERIALS

A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS

James Phelps, Jeffrey Dailey, and Monica Koenigsberg, Border Security, Carolina Academic Press, 2018.

B. ALTERNATIVE TEXTBOOKS

C. REQUIRED SUPPLEMENTARY READINGS

D. OTHER REQUIRED MATERIALS

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification
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B. Requisite Skills

Requisite Skills

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification
Course Recommended Preparation AND Administration of Justice-11	
Course Recommended Preparation English-A	

D. Recommended Skills

Recommended Skills
Understand the intelligence gathering cycle. AJ 11 - Construct a flowchart describing the intelligence gathering cycle.
Ability to write a college level report. ENGL A - Apply appropriate strategies in the writing process including prewriting, composing, revising, and editing techniques.

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact
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Course created by Craig Neumann on 03/09/2013.

BOARD APPROVAL DATE: 06/17/2013

LAST BOARD APPROVAL DATE: 04/20/2020

Last Reviewed and/or Revised by Ryan Anthony

Date: 03/03/2020

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