



El Camino College  
COURSE OUTLINE OF RECORD – Official

<b>Course Acronym:</b>	AJ
<b>Course Number:</b>	12
<b>Descriptive Title:</b>	Transportation and Border Security Management
<b>Division:</b>	Health Sciences and Athletics
<b>Department:</b>	Administration of Justice
<b>Course Disciplines:</b>	Administration of Justice
<b>Catalog Description:</b>	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.
<b>Prerequisite:</b>	
<b>Co-requisite:</b>	
<b>Recommended Preparation:</b>	Administration of Justice 11 AND Eligibility for English 1A
<b>Enrollment Limitation:</b>	
<b>Hours Lecture (per week):</b>	3
<b>Hours Laboratory (per week):</b>	0
<b>Outside Study Hours:</b>	6
<b>Total Course Hours:</b>	54
<b>Course Units:</b>	3
<b>Grading Method:</b>	Letter Grade only
<b>Credit Status:</b>	Credit, degree applicable
<b>Transfer CSU:</b>	Yes
<b>Effective Date:</b>	6/17/2013
<b>Transfer UC:</b>	No
<b>Effective Date:</b>	
<b>General Education:</b>	ECC

	<b>Term:</b>
	<b>Other:</b>
	<b>CSU GE:</b>
	<b>Term:</b>
	<b>Other:</b>
	<b>IGETC:</b>
	<b>Term:</b>
	<b>Other:</b>
<b>Student Learning Outcomes:</b>	<p><b>SLO #1 Law Enforcement Agencies</b></p> <p>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.</p> <p><b>SLO #2 Counterterrorism Technologies</b></p> <p>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.</p> <p><b>SLO #3 Transportation System Vulnerabilities</b></p> <p>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.</p>
<b>Course Objectives:</b>	<ol style="list-style-type: none"> <li>1. Evaluate the general vulnerabilities and risks in transportation and border security systems.</li> <li>2. Compare and contrast the roles, functions, and interdependency between local, federal and international law enforcement, and military agencies to foster border security.</li> <li>3. Assess the weaknesses of the supply chain system and modes of transportation.</li> <li>4. Discuss the differences in dealing with security threats for passenger versus freight/cargo transportation systems.</li> <li>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.</li> <li>6. Discuss the impact of legal, economic, political, and cultural concerns as they relate to transportation security.</li> </ol>
<b>Major Topics:</b>	<p><b>I. Transportation Security and Its Impact (3 hours, lecture)</b></p> <ol style="list-style-type: none"> <li>A. Model aspects of transportation security</li> <li>B. Transportation security solutions</li> </ol> <p><b>II. Global Economy and National Security (3 hours, lecture)</b></p>

- A. Logistics transformation
- B. Transportation security and national security
- C. Legal, economic, political, and cultural concerns and impacts

**III. Transportation System Elements (9 hours, lecture)**

- A. Land mode, rail mode, maritime mode
- B. Aviation mode and electronic mode
- C. Transportation system network
- D. Mobility and security theories

**IV. Mobility Security and Human Behavior (3 hours, lecture)**

- A. Mobility and security theory
- B. Mobility security initiatives
- C. Fear appeals and human coping behavior

**V. Road Transportation and Infrastructure Security (6 hours, lecture)**

- A. Security issues and threats
- B. Road elements and vulnerability

**VI. Aviation Security (6 hours, lecture)**

- A. Evolution of aviation security
- B. Aviation security threats
- C. Aviation security areas

**VII. Maritime Security (6 hours, lecture)**

- A. Historical piracy
- B. Maritime security issues
- C. Maritime terrorism

**VIII. Computer and Transportation Security (3 hours, lecture)**

- A. Holistic security design
- B. Computers and physical security

**IX. Intermodal Transportation Security Technology (3 hours, lecture)**

- A. Container security measures
- B. Container tracking technologies

**X. Applying Military Situational Awareness Systems to Transportation Applications (6 hours, lecture)**

- A. Integrated situational awareness
- B. Communications network management
- C. Data fusion and data correlation for transportation

	<b>XI. Transportation Security Solutions (6 hours, lecture)</b>  A. Foundations of military logistics B. Infrastructure recovery initiatives
<b>Total Lecture Hours:</b>	54
<b>Total Laboratory Hours:</b>	0
<b>Total Hours:</b>	54
<b>Primary Method of Evaluation:</b>	1) Substantial writing assignments
<b>Typical Assignment Using Primary Method of Evaluation:</b>	Prepare a one-page paper analyzing the general threats to the marine transportation industry.
<b>Critical Thinking Assignment 1:</b>	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.
<b>Critical Thinking Assignment 2:</b>	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.
<b>Other Evaluation Methods:</b>	Essay Exams, Homework Problems, Multiple Choice, Objective Exam, Quizzes, Term or Other Papers
<b>Instructional Methods:</b>	Demonstration, Discussion, Group Activities, Guest Speakers, Lecture
<b>If other:</b>	
<b>Work Outside of Class:</b>	Problem solving activity, Required reading, Study, Written work (such as essay/composition/report/analysis/research)
<b>If Other:</b>	
<b>Up-To-Date Representative Texts:</b>	James Phelps, Jeffrey Dailey, and Monica Koenigsberg, <u>Border Security</u> , Carolina Academic Press, 2018.
<b>Alternative Texts:</b>	
<b>Required Supplementary Readings:</b>	
<b>Other Required Materials:</b>	
<b>Requisite:</b>	
<b>Category:</b>	
<b>Requisite course(s): List both prerequisites and corequisites in this box.</b>	
<b>Requisite and Matching skill(s): Bold the requisite skill. List the corresponding</b>	

<b>course objective under each skill(s).</b>	
<b>Requisite Skill:</b>	
<b>Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable</b>	
<b>Requisite course:</b>	Administration of Justice-11
<b>Requisite and Matching skill(s):Bold the requisite skill. List the corresponding course objective under each skill(s).</b>	<b>Understand the intelligence gathering cycle.</b>  AJ 11 -Construct a flowchart describing the intelligence gathering cycle.
<b>Requisite Skill:</b>	Eligibility for English 1A
<b>Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). If applicable</b>	<b>This course involves reading college-level textbooks and writing reports. A student's success in this course will be enhanced if they have these skills.</b>  Apply appropriate strategies in the writing process including prewriting, composing, revising, and editing techniques.  Summarize, analyze, and synthesize college-level texts.
<b>Enrollment Limitations and Category:</b>	
<b>Enrollment Limitations Impact:</b>	
<b>Course Created by:</b>	Craig Neumann
<b>Date:</b>	03/09/2013
<b>Original Board Approval Date:</b>	06/17/2013
<b>Last Reviewed and/or Revised by:</b>	BRIAN JUCKETT
<b>Date:</b>	10/29/2023
<b>Last Board Approval Date:</b>	01/17/2024
<b>Effective Term:</b>	FALL 2024