

# EMGT C174: TRANSPORTATION AND BORDER SECURITY

Item	Value
Curriculum Committee Approval Date	11/15/2013
Top Code	210530 - Industrial and Transportation Security
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

## Course Description

This course provides an overview of modern border and transportation security challenges as well as different methods employed to address these challenges. The course covers a time period from post 9-11 to the present. The course explores topics associated with border security and security for transportation infrastructure, to include seaports, ships, aircraft, airports, trains, train stations, trucks, highways, bridges, rail lines, pipelines, and buses. The course will include an exploration of technological solutions employed to enhance security of borders and transportation systems. Students will be required to discuss the legal, economic, political, and cultural concerns and impacts associated with transportation and border security. The course provides students with a knowledge level understanding of the variety of challenges inherent in transportation and border security. ADVISORY: EMGT C102. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Outline the primary United States federal and state/local agencies affiliated with Border Security and Transportation Security (including DHS and DOT their resources, and the ethical parameters in which they operate).
2. Assess general vulnerabilities and risks in transportation systems and border security systems.

## Course Objectives

- 1. Outline the primary federal and state/local agencies in the US that are affiliated with Border Security and Transportation Security (including DHS and DOT resources and the ethical parameters in which they operate.)
- 2. Construct a historical timeline reflecting significant transportation-related terrorist threats and events in the United States and globally.
- 3. Describe the modes of transportation and their industries as they may impact security.
- 4. Identify general vulnerabilities and risks in transportation systems and border security systems.
- 5. Demonstrate knowledge of the impact of technology on countering threats to transportation systems and border security.

- 6. Discuss differences in dealing with security threats for passenger versus freight/cargo transportation systems including the impact on supply-chain logistics.
- 7. Classify the roles, functions, and interdependency between local, federal, and international law enforcement and military agencies to foster border security.
- 8. Solve problems as an individual and in a coordinated team setting.
- 9. Demonstrate basic verbal and communication skills and write clear, concise, and accurate reports to provide factual information, accurate data analysis, and logical recommendations.
- 10. Discuss the supply chain logistics and modes of transportation.

## Lecture Content

INTRODUCTION Definition of Transportation and Border Security Functions of a Conceptual Framework The Role of Border and Transportation Security in Homeland D. Security Terrorism and Transportation Security TRANSPORTATION SECURITY Transportation Security and its Impact The Transportation Network The Importance of the Global Transportation System Mobility Security and Human Behavior Transportation Industry Stakeholders THE TRANSPORTATION SECURITY ADMINISTRATION History and Organization Transportation Law and Regulation Types of Transportation Security Personnel PROTECTING TRANSPORTATION SYSTEM COMPONENTS Highway Transportation Mass Transit Air Transportation Rail Transportation Maritime Transportation Pipeline Transportation TRANSPORTATION SECURITY TECHNOLOGY Intermodal Transport Security Technology Military Situational Awareness Systems Technology Cargo Screening Hazardous Materials Countermeasures New Technologies BORDER SECURITY, U.S. CITIZENSHIP AND IMMIGRATION SERVICES, U.S. CUSTOMS AND BORDER PROTECTION Mission and Responsibilities Regulation of Trade, Imports, Customs and Immigration Enforcement Powers Contemporary Challenges U.S. CUSTOMS AND BORDER PROTECTION History and Organization Types of CBP Personnel BORDER PROTECTION Secure Border Initiative CBP Air and Marine CBP and the Facilitation of Trade and Commerce U.S. CITIZENSHIP AND IMMIGRATION SERVICES Project Shield America Initiative Fugitive Operations Program > Cornerstone Initiative Cyber Crimes Center US-VISIT Program CURRENT AND EMERGING SECURITY ISSUES Transportation Security Customs and Border Protection Systems Technology Within the Threat Framework Future Challenges

## Method(s) of Instruction

- Lecture (02)
- DE Online Lecture (02X)

## Instructional Techniques

This course may be taught using multiple methods of support including classroom, video, audio, multi-media, and online strategies. Strategies may include lectures; cooperative learning groups; written homework assignments; self-paced independent study using textbooks, video lessons, audio segments, demonstrations or discussions; simulations; role playing; case studies; problem-solving exercises; debates; presentations by students to software or online systems; presentations to the instructor or to other students; research projects; and journal reflections.

## **Reading Assignments**

Students will read from the course textbook as well as from supplemental materials assigned by the instructor.

## **Writing Assignments**

Students will complete written work, including but not limited to analytical papers, research assignments, and chapter question responses, requesting the student to evaluate transportation and border operations.

## **Out-of-class Assignments**

Outside the classroom, the student will work on assigned papers and research projects and formulate questions and discussion items. They will communicate with the instructor and/or fellow students.

## **Demonstration of Critical Thinking**

Critical thinking skills will be evaluated by the quality of student responses to published works regarding transportation and border security matters. In addition, critical thinking skills will be assessed based on student participation during in-class text analysis and small group discussions.

## **Required Writing, Problem Solving, Skills Demonstration**

Student writing skills will be evaluated by the quality and effort put into assigned papers and/or other written projects. Students will also demonstrate problem-solving skills through small/large group discussions requiring the student to apply operational knowledge of the transportation and border security functions, as well as homeland security policies.

## **Eligible Disciplines**

Administration of justice (police science, corrections, law enforcement): Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

## **Textbooks Resources**

1. Required Phelps, J.R., Dailey, J, Koenigsberg, M. Border Security, 2nd ed. Durham, NC: Carolina Academic Press, 2018  
Rationale: - Legacy Textbook Transfer Data: Legacy text

## **Other Resources**

1. Coastline Library