

Northern Marianas College
CURRICULUM ACTION REQUEST

Effective Semester / Session: Fall 2012

Type of Action:

- New
- Modification
- Move to Inactive (Stop Out)
- Cancellation

Course Alpha and Number: CJ 233

Course Title: Transportation and Border Security

Reason for initiating, revising, or canceling:

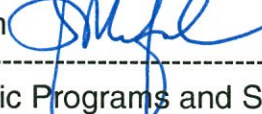
This course is being created in cohort with the Transportation Security Administration (TSA) and enrollment is limited to only TSA employees; the goal of the cohort serves two primary purposes: (1) to educate TSA employees in homeland security matters, and (2) to encourage TSA employees to obtain their A.A.S. in Criminal Justice.


Judy DLG. Torres/Zerlyn A. Taimanao 10/12/12

Proposer Date


Thomas Sharts 10/12/12

Department Chair Date


Barbara Merfalen Jan 30, 2013

Dean of Academic Programs and Services Date

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Course Guide

Course: CJ 233 Transportation and Border Security

1. Department

Social Sciences and Fine Arts

2. Purpose

The purpose of this course is to provide students with a knowledge level understanding of the variety of challenges inherent in transportation and border security.

3. Description

A. Required/Recommended Textbook(s) and Related Materials

Required:

Bragdon, Clifford. *Transportation Security*. Oxford, UK: Butterworth-Heinemann, Elsevier Inc., 2008.

Readability level: Grade 16.5

B. Contact Hours

1. **Lecture:** 3 hours per week / 45 hours per semester
2. **Lab:** N/A
3. **Other:** N/A

C. Credits

1. **Number:** 3
2. **Type:** Regular degree credits

D. Catalogue 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 and 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. It 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. Prerequisites: Currently employed by the Transportation Security Administration (TSA) at the time of, and during, enrollment in the course and CJ 203. English Placement Level: EN 101. Math Placement Level: None.

(Offered only in cohort with TSA)

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E. Degree or Certificate Requirements Met by Course

This course is an elective course for the A.A.S. in Criminal Justice degree.

F. Course Activities and Design

Lecture, group work, written and oral reports, guest speakers, video presentations, quizzes and other forms which knowledge and skills are developed in this course.

4. Course Prerequisite(s); Concurrent Course Enrollment; Required English/Mathematics Placement Level(s)

Prerequisite(s): Currently employed by the Transportation Security Administration (TSA) at the time of, and during, enrollment in the course and CJ 203.

English Placement Level: EN 101

Math Placement Level: None

5. Estimated Cost of Course; Instructional Resources Needed

Cost to the Student: None. Per agreement with the Transportation Security Administration, cost for tuition and textbook will be paid by TSA.

Cost to the College: Instructor's salary.

Instructional resources needed for this course include a whiteboard, dry eraser markers, dry eraser, TV/DVD player, and an Elmo.

6. Method of Evaluation

Student grades will be based on the regular letter grade system as described below:

A: Excellent – grade points: 4.0;

B: Above average – grade points: 3.0;

C: Average – grade points: 2.0;

D: Below average – grade points: 1.0;

F: Failure – grade points: 0.0.

NMC's grading and attendance policies will be followed.

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7. Course Outline

This is a topical outline and does not necessarily indicate the sequence in which the material will be presented.

- 1.0 Transportation Security and Its Impact
- 2.0 Transportation Security Through Logistics Transformation
- 3.0 The Need for a Transportation Systems Approach
- 4.0 Mobility Security and Human Behavior
- 5.0 Road Transportation and Infrastructure Security
- 6.0 Aviation Security
- 7.0 Maritime Security
- 8.0 Computer and Transportation Systems Security
- 9.0 Intermodal Transport Security Technology
- 10.0 Transportation Security: Applying Military Situational

8. Instructional Goals

This course will introduce students to:

- 1.0 The various modes of transportation;
- 2.0 The use of logistics as a science;
- 3.0 The historical use of logistics in defense;
- 4.0 Integrated intermodal system;
- 5.0 The challenges experienced by the State Department of Transportation;
- 6.0 The role of the various departments involved in aviation security;
- 7.0 The impact of 9/11 on maritime security;

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- 8.0 Radatti's Rules for computer security;
- 9.0 Customs-Trade Partnership Against Terrorism; and
- 10.0 The goal of situational awareness.

9. Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1.0 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 and Department of Transportation, their resources, and the ethical parameters in which they operate);
- 2.0 Construct a historical timeline reflecting significant transportation related terrorist threats and events in the United States and globally;
- 3.0 Generally understand the modes of transportation and their industries as it may impact security;
- 4.0 Identify general vulnerabilities and risks in transportation systems and border security system;
- 5.0 Demonstrate knowledge of the impact of technology on countering threats to transportation systems and border security;
- 6.0 Discuss differences in dealing with security threats for passenger versus freight/cargo transportation systems including the impact on supply chain security;
- 7.0 Solve problems as an individual and in a coordinated team setting;
- 8.0 Demonstrate basic verbal and communication skills, and write clear, concise and accurate reports to provide factual information, accurate data analysis, and logical recommendations; and
- 9.0 Discuss the supply chain logistics and modes of transportation.

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10. **Assessment Measures**

Assessment of student learning may include, but not be limited to, the following:

- 1.0 Written and oral reports
- 2.0 Group work
- 3.0 Quizzes
- 4.0 Exams, midterms and final exams
- 5.0 Individual and group presentations