

✓ 10 days
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147-UNC

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).
See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL

SUBMITTED BY:

Department	Homeland Security and Emergency Management	College/School	School of Management
Prepared by	Cameron Carlson	Phone	6537
Email Contact	<u>cdcarlson@alaska.edu</u>	Faculty Contact	Cameron Carlson

1. ACTION DESIRED (CHECK ONE):
 Trial Course New Course

2. COURSE IDENTIFICATION:
 Dept **HSEM** Course # **F227** No. of Credits **3**

Justify upper/lower division status & number of credits: **Material is at entry level and will be offered in an Occupational Endorsement.**

3. PROPOSED COURSE TITLE: **Transportation and Border Security**

4. To be CROSS LISTED? YES/NO
No If yes, Dept: Course #
 (Requires approval of both departments and deans involved. Add lines at end of form for such signatures.)

5. To be STACKED? YES/NO
No If yes, Dept. Course #

6. FREQUENCY OF OFFERING: **As Demand Warrants**
 Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) — or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (AY 2011-12 if approved by 3/1/2012; otherwise AY 2012-13)
AY 2013-14 To be scheduled

8. COURSE FORMAT:

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

COURSE FORMAT: (check all that apply) 1 2 3 4 5 6 weeks to full semester

OTHER FORMAT (specify) _____
 Mode of delivery (specify lecture, field trips, labs, etc) **Lecture**

9. CONTACT HOURS PER WEEK: 3 LECTURE hours/weeks LAB hours /week PRACTICUM hours /week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/guidelines-for-computing-/> for more information on number of credits.

OTHER HOURS (specify type) _____

10. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):

HSEM F227 Transportation and Border Security (3+0+0)

This course provides an overview of modern border and transportation security challenges, as well as different methods employed to address these challenges. The time period from post 9-11 to the present is covered. Topics explored include those associated with border and transportation infrastructure security; 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. Discussions will include such topics as the legal, economic, political and cultural concerns and impacts associated with

transportation and border security.

11. **COURSE CLASSIFICATIONS:** Undergraduate courses only. Consult with CLA Curriculum Council to apply S or H classification appropriately; otherwise leave fields blank.

H = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? **If YES, attach form.**

YES:

NO:

X

IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, **Format 6**

W = Writing Intensive, **Format 7**

Natural Science, **Format 8**

12. **COURSE REPEATABILITY:**

Is this course repeatable for credit?

YES

NO

X

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?

TIMES

If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

CREDITS

13. **GRADING SYSTEM:** Specify only one. Note: Later changing the grading system for a course constitutes a Major Course Change.

LETTER:

X

PASS/FAIL:

RESTRICTIONS ON ENROLLMENT (if any)

14. **PREREQUISITES**

These will be required before the student is allowed to enroll in the course.

15. **SPECIAL RESTRICTIONS, CONDITIONS**

Closed enrollment; restricted to TSA employees

16. **PROPOSED COURSE FEES**

\$

Has a memo been submitted through your dean to the Provost for fee approval?

Yes/No

17. **PREVIOUS HISTORY**

Has the course been offered as special topics or trial course previously?

Yes

Yes/No

If yes, give semester, year, course #, etc.:

LE F293 Fall 2011

18. **ESTIMATED IMPACT**

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Current adjunct faculty will be sufficient to teach the courses.

19. **LIBRARY COLLECTIONS**

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No

XX

Yes

No impact on library collections, inside material will be used

20. **IMPACTS ON PROGRAMS/DEPTS**

What programs/departments will be affected by this proposed action?

Include information on the Programs/Departments contacted (e.g., email, memo)

None beyond School of Management

21. POSITIVE AND NEGATIVE IMPACTS

Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

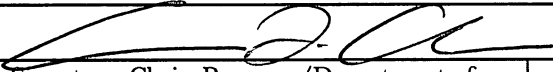
Positive impacts: in the future when the OE is opened to general enrollment, this will provide opportunities for students looking for career training.

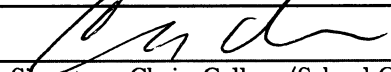
JUSTIFICATION FOR ACTION REQUESTED

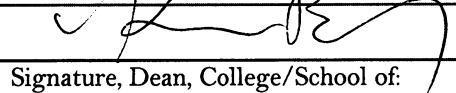
The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

This material and a credential have been requested by the TSA. The School of Management BEM program is uniquely positioned to create and manage these classes and the associated occupational endorsement through its industry knowledge and knowledge of potential adjunct faculty, needs in the industry and additional courses that might be required or requested

APPROVALS: Add additional signature lines as needed.

	Date	<u>29 Jan 2013</u>
Signature, Chair, Program/Department of: BEM		

	Date	<u>31 JAN 2013</u>
Signature, Chair, College/School Curriculum Council for: _____		

	Date	<u>1-31-13</u>
Signature, Dean, College/School of: _____		

	Date	
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Signature of Provost (if applicable)

Offerings above the level of approved programs must be approved in advance by the Provost.

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

	Date	
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Signature, Chair

Faculty Senate Review Committee: Curriculum Review GAAC

Core Review SADAC

ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)

	Date	
Signature, Chair, Program/Department of:		
	Date	
Signature, Chair, College/School Curriculum Council for:		
	Date	
Signature, Dean, College/School of:		

Transportation & Border Security

HSEM F227

3 credits

Instructor Information:

Fall Semester 2013

Instructor: Cameron Carlson

Office hours: Tue - Thur 1000-1200 (or by appointment)

Office Location: Bunnell 209

Telephone: (907) 474-6537

E-mail: cdblson@alaska.edu

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.

Course Objectives:

- Outline primary federal and state/local agencies in the US who are affiliated with Border Security and Transportation Security.
- Construct an historical timeline reflecting significant transportation related terrorist threats and events in the United States and globally.
- General understanding of the modes of transportation and their industries as it may impact security.
- Identify general vulnerabilities and risks in transportation systems and border security systems.
- Demonstrate knowledge of the impact of technology on countering threats to transportation systems and border security.
- Discuss differences in dealing with security threats for passenger versus freight/cargo transportation systems including the impact on supply chain logistics.
- Classify the roles, functions, and interdependency between local, federal, and international law enforcement and military agencies to foster border security.
- Solve problems as an individual and in a coordinated team setting.
- Demonstrate basic verbal and communication skills, and write clear, concise and accurate reports to provide factual information, accurate data analysis, and logical recommendations.
- Discuss the supply chain logistics and modes of transportation.

Required Textbook:

Bullock, Jane; Haddow, G.; Coppola, D.; and Yeletaysi, S. *Introduction to Homeland Security*. Burlington, Massachusetts: Butterworth-Heinemann, 2009. ISBN #978-1-85617-509-8.

Description of Instructional Methods:

The course will be delivered through an in-class (resident) and distance virtual classroom utilizing both Blackboard and BigBlueButton. The hybrid class will utilize facilitated discussions, assignments, case studies, and independent research. A mid-term and final exam will be provided.

Additionally, each student will be required to write a research paper and develop an intelligence-related case study relevant to this course of study. Students are also responsible for the listed reading assignments.

Recommended preparation: 2 hours weekly beyond class instruction

Technical Requirements:

This course requires a computer with internet access. Activating a Voice Thread account will also be a requirement (as a presentation tool) for multiple projects throughout the semester. Lastly, students should ensure they have access to their UA email accounts and a Power Point viewer.

Evaluation:

There will be a mid-term and a final exam given during this course. Additionally, each student will be required to submit a written project that critiques a chosen transportation/border infrastructure and recommends viable solutions. The project will be due during week 13—NO EXCEPTIONS!

Students are also responsible for the listed reading assignments and taking good notes in class. Most of the study material will come from classroom lectures.

Students are required to attend all classes. If absences become unavoidable due to employment requirements or other reasons, please notify the instructor prior to class. Class participation is mandatory and will be graded.

Grading:

Midterm exam-	150 points (50 questions/3 points each)
Final exam-	150 points (50 questions/3 points each)
Written project-	100 points
Participation	50 points
Attendance	50 points
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Total	500 points

A= 90-100%
B= 80-89%
C= 70-79%
D= 60-69%
F= 59 % or less

Course Policies:

Students are expected to remain up to date with the scheduled lesson plans on a weekly basis. Students will be penalized for the late submission of class assignments or should they fall behind by more than two weeks (outside of emergency or mutually agreed upon circumstances). Students are expected to observe academic honesty. Dishonest practices including giving or receiving assistance in any manner or form during an examination, unauthorized possession of exam questions, and plagiarism (willfully presenting another person's writings, opinions or thoughts as one's own, without proper credit and documentation) will not be tolerated. Violations of the UAF Student Code of Conduct will be referred to the appropriate authority for possible disciplinary actions including removal of violator from this course.

Support Services:

Students are encouraged to utilize the UAF Writing Center in 801 Gruening (Phone # 474-5314) as needed to assist in the development and refinement of their written products. Please contact me as required should you need to contact other subject matter support services relevant to the development of your leadership or class projects/topics.

Students with Disabilities:

Students with learning or other disabilities who may need classroom accommodations are encouraged to make an appointment with the Office of Disability Services (Phone # 474-7043). Please inform me of your needs and if I need to meet with the Office of Disability Services to provide the appropriate accommodations and supports to assist you in meeting the goals of the course.

Class Schedule:

- Week 1: Course Introduction
The Aviation Industry
(Lecture notes & handouts)
- Week 2: Air Piracy, Terrorism, Air Rage, and other Crimes
(Lecture notes)
- Week 3: Aviation Security/Methods & Technology
(Text, pp. 232-236, "Transportation Safety & Security")
- Week 4: Enforcement Agencies: Their Mission and Authority

(Lecture notes)

- Week 5: Pipeline, Trucking, Highway, & Railway Security
(Text, pp. 237-238, "Trucking Security")
(Text, pp. 243-249, "Bus & Railway Transportation Security")
(Text, pp. 274-278, "Pipelines")
- Week 6: Pre-exam Review
- Week 7: Mid-term Exam
- Week 8: The Maritime Industry, the Global Economy, & Security
(Text, pp. 238-243, "Ports & Shipping Security")
- Week 9: Maritime Security & Piracy
(Lecture notes)
- Week 10: Security and Cost-Benefit Analysis
National Borders, Immigration, & Sovereignty
(Lecture notes)
- Week 11: Crisis at the U.S.-Mexican Border
The U.S. Border Patrol
(Text, pp. 220-232, "Border Control")
- Week 12: Border Security
(Lecture notes)
- Week 13: Border Security/Solutions & the Future
Pre-exam review
Written project due
(Lecture notes)
- Week 14: Final Exam
- Week 15: Review & Closure