

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	cdcarlson@alaska.edu	Faculty Contact	Cameron Carlson

1. ACTION DESIRED (CHECK ONE):

Trial Course	<input type="checkbox"/>	New Course	<input checked="" type="checkbox"/>
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2. COURSE IDENTIFICATION:

Dept	HSEM	Course #	F227	No. of Credits	3
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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:	<input type="checkbox"/>	Course #	<input type="checkbox"/>
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(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.	<input type="checkbox"/>	Course #	<input type="checkbox"/>
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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 (AY2011-12 if approved by 3/1/2012; otherwise AY2012-13) 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)

<input type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input checked="" type="checkbox"/>	6 weeks to full semester
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OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc) Lecture

9. CONTACT HOURS PER WEEK:

<input type="checkbox"/>	3	LECTURE hours/weeks	<input type="checkbox"/>	LAB hours /week	<input type="checkbox"/>	PRACTICUM hours /week
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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:

PASS/FAIL:

RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES

ENGL F111X, or permission of instructor

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

15. SPECIAL RESTRICTIONS, CONDITIONS

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/No

Yes

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

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

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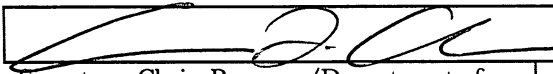
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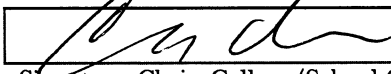
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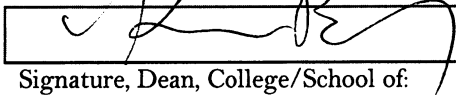
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APPROVALS: Add additional signature lines as needed.

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

	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	
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

ATTACH COMPLETE SYLLABUS (as part of this application). Note: The guidelines are online:

<http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/uaf-syllabus-requirements/>

The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course (or changes to it) may be denied.

SYLLABUS CHECKLIST FOR ALL UAF COURSES

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

1. Course information:

Title, number, credits, prerequisites, location, meeting time
(make sure that contact hours are in line with credits).

2. Instructor (and if applicable, Teaching Assistant) information:

Name, office location, office hours, telephone, email address.

3. Course readings/materials:

Course textbook title, author, edition/publisher.

Supplementary readings (indicate whether required or recommended) and

any supplies required.

4. Course description:

Content of the course and how it fits into the broader curriculum;

Expected proficiencies required to undertake the course, if applicable.

Inclusion of catalog description is *strongly* recommended, and

Description in syllabus must be consistent with catalog course description.

5. Course Goals (general), and (see #6)

6. Student Learning Outcomes (more specific)

7. Instructional methods:

Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

8. Course calendar:

A schedule of class topics and assignments must be included. **Be specific** so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester.

9. Course policies:

Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

10. Evaluation:

Specify how students will be evaluated, what factors will be included, their relative value, and

how they will be tabulated into grades (on a curve, absolute scores, etc.) Publicize UAF regulations with regard to the grades of "C" and below as applicable to this course. (Not required in the syllabus, but may be a convenient way to publicize this.) Faculty Senate Meeting #171:

<http://www.uaf.edu/uafgov/faculty-senate/meetings/2010-2011-meetings/#171>

11. Support Services:

Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

12. Disabilities Services:

The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials.

State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

6/30/2011

Transportation & Border Security

HSEM F227

3 credits

Prerequisites: ENGL F111X or permission of instructor

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: cdcarlson@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 delivered thru 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

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