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/](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**

<table>
<thead>
<tr>
<th>Department</th>
<th>Homeland Security and Emergency Management</th>
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</thead>
<tbody>
<tr>
<td>Prepared by</td>
<td>Anita Hughes</td>
</tr>
<tr>
<td>Email Contact</td>
<td><a href="mailto:AllHughes2@alaska.edu">AllHughes2@alaska.edu</a></td>
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<tr>
<td>College/School</td>
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<tr>
<td>School of Management</td>
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</tr>
<tr>
<td>Phone</td>
<td>Ext. 4266</td>
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<tr>
<td>Faculty Contact</td>
<td>Cameron Carlson, <a href="mailto:edcarslon@alaska.edu">edcarslon@alaska.edu</a></td>
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1. **ACTION DESIRED**
   (CHECK ONE):
   - Trial Course
   - New Course
   - XX

2. **COURSE IDENTIFICATION**:
   - Dept: HSEM
   - Course #: F231
   - No. of Credits: 3
   - Justify upper/lower division status & number of credits: This course will fit into HSEM's proposed AAS degree and targets the lower division student.

3. **PROPOSED COURSE TITLE**: Weapons of Mass Destruction

4. **To be CROSS LISTED?**
   - YES/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
   - 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**
   (AY2011-12 if approved by 3/1/2012; otherwise AY2012-13)
   - Spring 2015

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
     - XX
     - 6 weeks to full semester

   - OTHER FORMAT (specify)

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

9. **CONTACT HOURS PER WEEK**
   - 3/15
   - LECTURE hours/week
   - 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/](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)
HSEM F231 Weapons of Mass Destruction 3 cr
Offered As Demand Warrants

In a post 9/11 environment, concerns surrounding the potential use of weapons of mass destruction have been an ever-increasing concern. This course is intended to serve as an introduction of the study and history of weapons of mass destruction as a tool of terrorism (3+0)
18. ESTIMATED IMPACT
WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

19. LIBRARY COLLECTIONS
Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6635) 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 No Yes Yes Materials will not be pulled from library holdings

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)

This course will generally only draw students from the Homeland Security and Emergency Management program and, therefore, will not affect other programs.

21. POSITIVE AND NEGATIVE IMPACTS
Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

This should draw more students into the HSEM program but no impacts on other programs are anticipated.

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 course fills a need in the first year of the HSEM program.

APPROVALS: Add additional signature lines as needed.

Signature, Chair, Program/Department of: HSEM Date 11/1/2014

Signature, Chair, College/School Curriculum Council for: Date 5/2/14

Signature, Dean, College/School of: Date 5/1/14

Signature of Provost (if applicable) Date
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**

<table>
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<th>Signature, Chair</th>
<th>Date</th>
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Faculty Senate Review Committee:  
- Curriculum Review
- GAAC
- Core Review
- SADAC

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

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Weapons of Mass Destruction (Special Topics)
HSEM 293
3 credits
Spring Semester 2013
Prerequisites: None
Instructor: Mr. Ron DeWitt
Adjunct Professor, UAF School of Management

Course Description

In a post 9/11 environment, concerns surrounding the potential use of weapons of mass destruction have been an ever-increasing concern. This course is intended to serve as an introduction to the study and history of weapons of mass destruction as a tool of terrorism.

Course Objectives

1. Understand the Definitions, Trends and the Concept of the “New Terrorism”
2. The Nature of Post 9/11 WMD as a Terrorism Threat
3. The Terrorist WMD of Choice
4. Understand the Threat posed by Different Types of WMD
5. Understand Lessons Learned from the Use of WMD

Course Text Books


Additional Reading

Additional reading assignments have been selected from articles and Web Sites. Where possible, the course author has obtained permission to include session handouts of the assigned reading.

Instructional Methods

Instructional methodologies, including online lectures, case studies, small group activities, student presentations and open and directed discussions, will be used to actively involve each student in the learning process. When possible and
practical, learning activities will be processed to include not only "what" was learned, but the "so what" and "now what" in order to complete the learning cycle.

Recommended preparation: 2-3 hours weekly

**Evaluation**

Required Reading, Writing and Participation:

60% - Weekly three page reviews of the assigned readings with accompanying power point slide presentations.

20% - Case Study Presentations (develop case study presentations based upon text and independents study).

20% - Independent Research Paper. Through independent research, develop a 6 to 8 page paper cover three major organizations charged with the responsibility to respond to WMD events.

**Grading**

Weekly reading reviews and slides - 60% = 600 points  
Case study development - 20% = 200 points  
Independent Research Paper - 20% = 200 points

Total = 1000 points

A= 90-100% (900-1000 points)  
B= 80-89% (800-899 points)  
C= 70-79% (700-799 points)  
D= 60-69% (600-699 points)  
F= 59 % or less (599 points 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, ph 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 classroom 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**

**Lesson Topics**

1. Course Introduction / Expectations  
   Definitions, Trends and the Concept of the “New Terrorism”  
   The Nature of the Post 9/11 WMD Terrorism Threat

2. Understanding the Threat  
   The WMD Terrorism Hype  
   The Terrorist WMD of Choice

3. Understanding the Threat (cont)  
   Different Faces of Nuclear Terrorism  
   Radiological Dispersal Devices  
   (Prep for Case Study I—see Case Study I & II)

4. Understanding the Threat (cont)  
   Sabotage of Nuclear Facilities and Other Critical Infrastructure  
   Bioterrorism

5. Understanding the Threat (cont)  
   Chemical Terrorism  
   Food Security and Agricultural Terrorism  
   Cyberterrorism

6. Case Study I & II Presentation due

7. Responding to the Threat
Deterrence and Preemption
Nonproliferation Regimes

8. Responding to the Threat (cont)
   Interdiction and Law Enforcement
   (Prep for Case Study 1, 2 and 3)

9. Lessons Learned and Future Threats
   The Need for a Comprehensive Multidimensional Threat

10. Lessons Learned and Future Threats (cont)
    Gaps in the International Framework for Combating Terrorism

11. Lessons Learned and Future Threats (cont)
    Case Study 1, 2 and 3 Presentation due from week 8

12. Lessons Learned and Future Threats (cont)
    Future Threats

13. Case Study Development
    Develop two new case studies not provided in the text

14. Lessons Learned and Future Threats (cont)
    Conclusion

15. Case Study Presentations from week 13