**FORM A**

**College of Allied Health Sciences**

**PROPOSAL SUMMARY AND ROUTING FORM**

**Proposal Title:** Reactivation of course

**Initiating Unit or Individual:** College of Allied Health Sciences

**Contact Person's Name:** Brad McCormick  
e-mail: mccormbi@ferris.edu  
phone: x2278

**Date or Term of Proposal Implementation:** Fall 2010

- [ ] Group I - A – New degree/major or major, redirection of a current offering, or elimination of a degree, major or minor
- [ ] Group I - B – New minors or concentrations
- [x] Group II - A – Minor curriculum clean-up and course changes
- [ ] Group II - B – New Course
- [ ] Group III - Certificates
- [ ] Group IV – Off-Campus Programs

<table>
<thead>
<tr>
<th>Group/Individual</th>
<th>Signature</th>
<th>Date</th>
<th>Vote/Action *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Faculty</td>
<td>Brad McCormick</td>
<td>2/2/10</td>
<td>Support</td>
</tr>
<tr>
<td>Department Faculty</td>
<td>Brad McCormick</td>
<td>2/2/10</td>
<td>Support</td>
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<tr>
<td>Department Head</td>
<td>Joe Jones</td>
<td>2/2/10</td>
<td>Support</td>
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<tr>
<td>College Curriculum Committee</td>
<td>Ronda Ross</td>
<td>2/2/10</td>
<td>Support</td>
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<td>College Faculty</td>
<td></td>
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<td>Dean</td>
<td>Allen Hamelin</td>
<td>2/1/10</td>
<td>Support 8-0</td>
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<tr>
<td>University Curriculum Committee</td>
<td></td>
<td>3/1/10</td>
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<tr>
<td>Senate</td>
<td>Richard Griffin</td>
<td>3/1/10</td>
<td></td>
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<tr>
<td>Academic Affairs</td>
<td>Donald Black</td>
<td>3/1/10</td>
<td></td>
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* Support with Concerns or Not Support must include a list of specific concerns. Votes must be shown for faculty groups. Administrators check appropriate action taken.

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**To be completed by Academic Affairs**

**President (Date Approved):**  
**Board of Trustees (Date Approved):**  
**President's Council (Date Approved):**

**MAR 2 2010**

**PROVOST**
1. Proposal Summary

(Summary is generally less than one page. Briefly: state what is proposed with a summary of rationale and highlights. Additional rationale may be attached.)

At the request of the faculty developing the new degree in Energy Systems Engineering, EHSM 208 is being reactivated and its prefix changed. Historically, EHSM 208 was a part of the now closed bachelor of science degree in Environmental Health and Safety Management (EHSM). The EHSM degree was discontinued in 2004-2005 and its courses became inactive in 2009 after all students had completed degree requirements. However, several of the courses have applicability to other degrees on campus and have remained in the university catalog under the prefix CAHS. With the request to re activate EHSM 208, the prefix for the course will be changed to CAHS to bring it in line with the remaining former EHSM courses.

2. Summary of All Course Action Required*

   a. Newly Created Courses to FSU:
      Prefix   Number   Title
      CAHS 208

   b. Courses to be Deleted From FSU Catalog:
      Prefix   Number   Title
      None

   c. Existing Course(s) to be Modified:
      Prefix   Number   Title
      None

   d. Addition of existing FSU courses to program
      Prefix   Number   Title
      None

   e. Removal of existing FSU courses from program
      Prefix   Number   Title
      None
3. Summary of All Consultations

Form Sent (B or C)    Date Sent    Responding Dept.    Date Received & by Whom

4. Will External Accreditation be Sought? (For new programs or certificates only)

___________ Yes          _____x_______ No

If yes, name the organization involved with accreditation for this program.

5. Program Checksheets affected by this proposal.

Energy Systems Engineering
NEW COURSE INFORMATION FORM
See Sample – Limit to Two Pages Please

Course Identification:
Prefix: CAHS  Number: 208  Title: Environmental Regulations 1

Course Description:
This course is designed to provide a detailed overview of environmental regulations in the United States. Discussions of the purpose of the regulation, its effect on public health and the impact of the regulation on industrial operations will follow a brief history of each regulation. Major environmental regulations dealing with air, water, soils and waste will be addressed. Prerequisites: None.

Course Outcomes and Assessment Plan:
At the conclusion of this course students will be able to:
1. Locate and interpret environmental regulations
2. Apply environmental regulation upon a selected situation
3. Explain how environmental regulations affect industrial operations and public health

Course assessment plan:
<table>
<thead>
<tr>
<th>Outcome</th>
<th>Evaluation tool</th>
<th>Expected outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students will be able to retrieve and interpret environmental regulations</td>
<td>Presentation</td>
<td>95% of the students will earn a grade of &quot;C&quot; or better on presentation</td>
</tr>
<tr>
<td>Students will be able to project the impact of environmental regulations</td>
<td>Case study</td>
<td>95% of the students will earn a grade of &quot;C&quot; or better on case study</td>
</tr>
<tr>
<td>Students will be able to explain how environmental regulations affect industrial operations and public health</td>
<td>Paper</td>
<td>95% of the students will be able to satisfactorily explain the impact of environmental regulations by completing an assigned paper.</td>
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Course Outline including Time Allocation:
Course introduction- 1 hr
Exams -3 hrs
Student presentations-8 hrs
Clean water act-3hrs
Comprehensive Environmental response, compensation and liability act-3 hrs
Resource conservation and recovery act-3 hours
Toxic Substances Control act-3 hrs
National Environmental Policy Act-3hrs
Oil Pollution Act-3 hrs
Asbestos regulations-3 hrs
Underground storage tank regulations-3 hrs
Clean Air Act - 3 hrs
SARA Title III - 3 hrs
Nuclear Regulatory Commission regulations - 3 hrs.
ACTION TO BE TAKEN: CREATE A NEW COURSE

Notes
1. Complete each item in Section I and Section II.
2. If this course is to be used as a prerequisite for other university courses, Form Fs that reflect the prerequisite change must be submitted for those courses as well.

Term Effective (6 digit code only): 200801 Examples: 200801(Spring), 200805(Summer), 200808(Fall)
Note: The first four digits indicate year, the next two digits indicate month in which term begins.

PROPOSED FOR NEW COURSE: Complete all sections a through r, See manual for clarification.

a. Course Prefix CAHS
b. Number 208
c. Enter Contact Hours per week in boxes.

LECture ☑ LAB ☐ INDependent Study – Check (x) ☐
Practicum: ☐ Seminar: ☐

d. Course Title: Environmental Regulations 1 (Limit to 30 characters/spaces.)

e. College Code: / f. Department Code: CRHA
Credit Hours: (Check (x) type and enter maximum and minimum hours in boxes.

g. Type: ☐ Variable ☑ Fixed
h. Minimum Credit Hours 3
i. Maximum Credit Hours 3

j. May Be Repeated for Added Credit: Check (x) ☐ Yes ☑ No

k. Levels: Check (x) Undergraduate ☐ Graduate ☑ Professional

l. Grade Method: Check (x) ☐ Normal Grading ☑ Credit/No Credit only (Pass/Fail)
m. Does proposed new course replace an equivalent course? Check (x) ☐ Yes ☑ No

n. Equivalent course: Prefix EHSM Number 208 See instructions on Replacement courses.

o. CATALOG DESCRIPTION – Limit to 75 words – PLEASE BE CONCISE.
This course is designed to provide a detailed overview of environmental regulations in the United States. Discussions of the purpose of the regulation, its effect on public health and the impact of the regulation on industrial operations will follow a brief history of each regulation. Major environmental regulations dealing with air, water, soils and waste will be addressed.

p. Term(s) Offered: FS IP (See instructions for listing.)
q. Max. Section Enrollment: 30

r. Prerequisites/Co-requisites/Restrictions: (If none, leave blank.) Limited to 100 spaces. Enrollment in Energy Systems Engineering Program or by departmental permit.