

1. General Information

1a. Submitted by the College of: ENGINEERING

Date Submitted: 7/16/2014

1b. Department/Division: Mechanical Engineering

1c. Contact Person

Name: Alexandre Martin

Email: alexandre.martin@uky.edu

Phone: 74462

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

2. Designation and Description of Proposed Course

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: ME 799

2c. Full Title: Mechanical Engineering Graduate Seminar

2d. Transcript Title: SEMINARS IN MECH ENGR

2e. Cross-listing:

2f. Meeting Patterns

COLLOQUIUM: 1

2g. Grading System: Letter (A, B, C, etc.)

2h. Number of credit hours: 0

2i. Is this course repeatable for additional credit? Yes

If Yes: Maximum number of credit hours: 0

If Yes: Will this course allow multiple registrations during the same semester? No

2j. Course Description for Bulletin: A series of talks presented by national and local speakers that will provide graduate students with an overview of current research activities in the broad field of Mechanical Engineering.

2k. Prerequisites, if any: Engineering Graduate student standing or consent of instructor.

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SENATE COUNCIL

2. Supplementary Teaching Component:

3. Will this course taught off campus? No

If YES, enter the off campus address:

4. Frequency of Course Offering: Spring,

Will the course be offered every year?: Yes

If No, explain:

5. Are facilities and personnel necessary for the proposed new course available?: Yes

If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 50

7. Anticipated Student Demand

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: No

If Yes, explain:

8. Check the category most applicable to this course: Traditional – Offered in Corresponding Departments at Universities Elsewhere,

If No, explain:

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program?: No

If YES, name the proposed new program:

b. Will this course be a new requirement for ANY program?: Yes

If YES, list affected programs: The course will be required for a graduate degree in Mechanical Engineering. Ph.D. students will be required to complete the course 4 times prior to graduation, and M.S. students will be required to complete the course 2 times prior to graduation.

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500?: No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from **10.a** above) are attached: Yes

Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?

6. How do course requirements ensure that students make appropriate use of learning resources?

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? NO

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|STEPHEN|L S Stephens|ME 799 NEW Dept Review|20140730

SIGNATURE|BJSTOK0|Barbara J Brandenburg|ME 799 NEW College Review|20141024

SIGNATURE|ZNNIKO0|Roshan N Nikou|ME 799 NEW Graduate Council Review|20141126

Courses **Request Tracking**

New Course Form

<https://myuk.uky.edu/sap/bc/soap/rfc?services=>

Generate R

Open in full window to print or save

Attachments:

Upload File

	ID	Attachment
Delete	3814	ME 799 Syllabus (2).doc

Select saved project to retrieve...

(*denotes required fields)

1. General Information

a. * Submitted by the College of: Submission Date:

b. * Department/Division:

c.

* Contact Person Name: Email: Phone:

* Responsible Faculty ID (if different from Contact): Email: Phone:

d. * Requested Effective Date: Semester following approval OR Specific Term/Year

e. Should this course be a UK Core Course? Yes No

If YES, check the areas that apply:

Inquiry - Arts & Creativity Composition & Communications - II

Inquiry - Humanities Quantitative Foundations

Inquiry - Nat/Math/Phys Sci Statistical Inferential Reasoning

Inquiry - Social Sciences U.S. Citizenship, Community, Diversity

Composition & Communications - I Global Dynamics

2. Designation and Description of Proposed Course.

a. * Will this course also be offered through Distance Learning? Yes No

b. * Prefix and Number:

c. * Full Title:

d. Transcript Title (if full title is more than 40 characters):

e. To be Cross-Listed ² with (Prefix and Number):

f. * Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours³ for each meeting pattern type.

<input type="checkbox"/> Lecture	<input type="checkbox"/> Laboratory ¹	<input type="text" value="1"/> Recitation	<input type="checkbox"/> Discussion
<input type="checkbox"/> Indep. Study	<input type="checkbox"/> Clinical	<input type="text" value="1"/> Colloquium	<input type="checkbox"/> Practicum
<input type="checkbox"/> Research	<input type="checkbox"/> Residency	<input type="text" value="1"/> Seminar	<input type="checkbox"/> Studio

Other If Other, Please explain:

g. * Identify a grading system:

Letter (A, B, C, etc.)

Pass/Fail

Medicine Numeric Grade (Non-medical students will receive a letter grade)

Graduate School Grade Scale

h. * Number of credits:

i. * Is this course repeatable for additional credit? Yes No

If YES: Maximum number of credit hours:

If YES: Will this course allow multiple registrations during the same semester? Yes No

j. * Course Description for Bulletin:

A series of talks presented by national and local speakers that will provide graduate students with an overview of current research activities in the broad field of Mechanical Engineering.

k. Prerequisites, if any:

Engineering Graduate student standing or consent of instructor.

l. Supplementary teaching component, if any: Community-Based Experience Service Learning Both

3. * Will this course be taught off campus? Yes No

If YES, enter the off campus address:

4. Frequency of Course Offering.

a. * Course will be offered (check all that apply): Fall Spring Summer Winter

b. * Will the course be offered every year? Yes No

If No, explain:

5. * Are facilities and personnel necessary for the proposed new course available? Yes No

If No, explain:

6. * What enrollment (per section per semester) may reasonably be expected? 50

7. Anticipated Student Demand.

a. * Will this course serve students primarily within the degree program? Yes No

b. * Will it be of interest to a significant number of students outside the degree pgm? Yes No

If YES, explain:

8. * Check the category most applicable to this course:

- Traditional – Offered in Corresponding Departments at Universities Elsewhere
- Relatively New – Now Being Widely Established
- Not Yet Found in Many (or Any) Other Universities

9. Course Relationship to Program(s).

a. * Is this course part of a proposed new program? Yes No

If YES, name the proposed new program:

b. * Will this course be a new requirement ^s for ANY program? Yes No

If YES ^s, list affected programs::

The course will be required for a graduate degree in Mechanical Engineering. Ph.D. students will be required to complete the course 4 times prior to graduation, and M.S. students will be required to complete the course 2

10. Information to be Placed on Syllabus.

a. * Is the course 400G or 500? Yes No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b. * The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applied 10.a above) are attached.

¹¹ Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
¹² The chair of the cross-listing department must sign off on the Signature Routing Log.

⚠ In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, is two hours per week for a semester for one credit hour. (from SR 5.2.1)
⚠ You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.
⚠ In order to change a program, a program change form must also be submitted.

Rev 8/09

Submit as New Proposal Save Current Changes

ME 799

Mechanical Engineering Graduate Seminar

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Instructor: ~~Dr.~~ Alexandre Martin, PhD, PE
Office Address: 261 Ralph G. Anderson Building
Email: Alexandre.Martin@uky.edu
Office Phone: 257-4462
Office hours: Friday, 3:00 – 5:00 PM

Course Description

This course will consist of a series of talks presented by national and local speakers that will provide graduate students with an overview of current research activities in the broad field of Mechanical Engineering.

The course is mandatory for graduation, but does not count towards the minimum credits hour or residency requirements (0 credit). The course is repeatable ~~in definitively~~ (without limit), but it is required at least 4 times for PhD students, and 2 times for Masters students.

Prerequisites

~~Enrollment~~ Enrollment in the ~~graduate~~ graduate programs Graduate Student in the Department of Mechanical Engineering

Student Learning Outcomes

After completing this course, the student will have enhanced his ability to:

- Understand, interpret and summarize complex Mechanical Engineering topics
- Engage known experts in discussion on a broad range of Mechanical Engineering topics in an academic and public
- Think critically and develop the ability to discuss a scientific topic with other professionals in the field fellow students
- Learn about ~~Adopt~~ presentation methods from talks into their own future conference presentations and public speaking engagements
- Engage known experts in discussion on a broad range of Mechanical Engineering topics in an academic and public setting (this one and the second one are very close: You do not need 4. in fact the fewer the better when it comes to assessment)

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Course goals or objectives

- Developing and maintaining a scholarly culture for the graduate students
- Enhance ~~Increase~~ the reputation of the Department (and the University) by inviting renowned scholars to campus
- Facilitate meetings, interactions and discussions ~~between~~ among graduate students, faculty members, and researchers

Required Materials

None

Description of Course Activities and Assignments

Each regular semester (i.e. twice a year), 8 speakers will be presenting a 1-hr seminar (last 15 minutes reserved for questions), ~~sponsored by~~ through the William Maxwell Reed (WMR) Seminar series. Roughly 4 of these speakers will be from outside UK, and 4 others will be locally ~~selected~~ selected (UK, UofL, UC faculty members, researchers, postdocs, senior graduate students). After the seminar, a reception will be held, where students and other attendees can meet the speaker and discuss technical matters.

Course Assignments

Students will have to write a one page abstract ~~of~~ for each seminar no later than one week after they ~~took~~ take place.

Course Grading

Grading will be based ~~on~~: 1) attendance, and 2) assignments. A Satisfactory/Unsatisfactory (S/U) grade will be assigned. To obtain the "S" grade, the students must attend and submit a ~~valid~~ thoughtful? Meaningful? meaningful abstract for at least 75% of the seminars.

Final Exam Information

There is no final exam

Course Policies

Submission of Assignments:

Students will have to submit their abstracts ~~electronically~~, through BlackBoard (only PDF documents will be accepted)

Attendance Policy:

Attendance will be taken ~~at the seminars~~. The ~~s~~Students are expected to attend all seminars.

Excused Absences:

Students need to notify the ~~instructor~~ professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit "reasonable cause for Non-attendance" by the ~~professor~~ course ~~instructor~~ instructor (unless the SR uses "professor").

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day ~~in the semester~~ to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students ~~may be~~ ~~are expected to~~ ~~withdrawn~~ from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per University Senate rules ~~university~~ policy.

Verification of Absences:

Students may be asked to present documentation to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.

Academic Integrity:

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the ~~(why the blanks here?)~~ assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed. **More specifically, students are expected to write their own abstracts.**

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Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: ~~HYPERLINK "http://www.uky.edu/Ombud"~~ \h ~~http://www.uky.edu/Ombud~~. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online ~~HYPERLINK "http://www.uky.edu/StudentAffairs/Code/part2.htm"~~ \h ~~http://www.uky.edu/StudentAffairs/Code/part2.html~~) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else's work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student's assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. -If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

~~**Tentative Course Schedule**~~

~~The Seminars are expected to be held every two weeks.~~

In Case of Emergency

If an emergency arises in this classroom, building or vicinity, your instructor will advise you of actions to follow to enhance your safety. If a situation requires emergency shelter (i.e., during a severe weather event), the nearest shelter location is <insert location here>. If building evacuation occurs (i.e., fire alarm), follow posted evacuation routes and assemble at <insert the evacuation location> so the instructor can help ensure their students have evacuated the building safely and they are not hindering emergency personnel access to the building. If you may require assistance during an emergency, notify the instructor at the beginning of the semester. In order to prepare for emergencies while on campus please continue to the below links for detailed emergency response guidelines: the UK Division of Crisis Management & Preparedness website (<http://www.uky.edu/EM/emergency-response-guide.html>) and the College of Engineering (<http://www.engr.uky.edu/>). To receive emergency messages, sign up for UK Alert (<http://www.uky.edu/EM/UKAlert>). Always turn cellular phones to silent mode when entering the classroom. If you observe or receive an emergency alert, immediately and calmly inform your instructor.

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Tentative Course Schedule

The Seminars are expected to be held every two weeks.