Mechanics and Materials Colloquium for Graduate Students ***Spring 2014***

Course Number	***CRN***	***Faculty Contact***	***Course Credits***
AAE 590	***TBD***	***Prof. Sangid***	***1 hour***
CE 597	***TBD***	***Profs. Zavattieri & Prakash***	***1 hour***
ME 597	***TBD***	***Prof. Siegmund***	***1 hour***

Class: Thursdays at 4:30 – 5:20 pm in 3115 ARMS

Instructor: Michael D. Sangid; Email: msangid@purdue.edu
Office: 3329 ARMS; Telephone: 494-0146
Office Hours: Not regularly scheduled; available by appointment only

Course Description

This is a seminar-based course for graduate students within the college of engineering. In this course, the students from civil, mechanical, material science, and aerospace engineering would take turns presenting their research. Each student registered in the course would get 1 credit hour and be required to present once for every semester they enroll. We would have two seminars per 'class', which is held once a week. Each presentation would be nominally 15-20 minutes leaving 5-10 minutes for questions and discussions. This seminar would allow students to:

i. Gain awareness of other students and faculty with common research interests and experience,
ii. Get feedback about on-going projects from their peers and professors, and
iii. Practice presentations for conferences and prelim/final defenses.

Students will benefit from the camaraderie and the faculty will benefit in the form of interdisciplinary collaboration and cross-cutting efforts to solve similar problems in mechanics and materials. This course is supported by the faculty in CE, ME, MSE, and AAE and is cross-listed amongst these departments. It is our intent to offer this course every semester, and students would enroll multiple times (but get no more than 4 credit hours from this course).

Grading: Based on attendance, participation, and each student's presentation/seminar. In general, we will have an A|B|C|D|F grade scale with +/- grades. There will be no HW/exams or required textbook.

Prerequisites: Graduate standing and primary research interest in mechanics and materials fields

Attendance: Mandatory and will be counted towards your grade. In each class, each student is expected to participate, engage the lecturer/speaker, ask questions/offer advice, and perform as an academic citizen.

Schedule: The schedule will be made the first week of class, based on volunteers but ultimately assigned by the instructor. We will supplement student seminars with topic lectures by faculty and visitors.