

the ME Pipeline

Department of Mechanical Engineering Newsletter

FROM THE CHAIR

What's in the future! Well, we really do not know. As it stands today, the mechanical engineering budget for academic year 2008-2009 is stagnant. The ME 2009 summer schedule will be very limited – 6 to 8 courses at the most with the possibility of no engineering courses being offered at all. I strongly encourage you to review your fall schedule and assess what courses you need to graduate. Towards this end, ME will increase required courses offerings – courses traditionally taught in fall or spring will now be offered in both terms (Machine Design I, Machine Design II, System Dynamics, Electromechanical Devices, Engineering Materials). Enrollment will be limited to 25 students. We hope these additional offerings will help you stay on track to graduate with or without additional summer semesters.

Wishing you all a cool and hurricane free summer. If you are graduating in August, good luck in your new career and remember us when you are ready for your graduate degree!



HANGING WITH MS. NICOLE

Greetings from Nicole Carr!

Hi everyone! Peaked into the ME office lately? If you have, you've probably noticed that something has changed. It's not the decorations—it's me! As a new member of the Mechanical Engineering staff, I am delighted to work with the entire ME faculty and staff as it is a great learning experience for an English grad like me! After just a few conversations with engineering students, I can proudly add terms like "skid pad" and "scrutineer" to my vocabulary. So don't be shy, stop by the ME office and introduce yourself or help

me brush up on my engineering vocabulary. Also, for your daily dose of ME information hang with me each month to learn about upcoming events, course offerings, changes to professor office hours, and (everyone's favorite!) insider information about KC's turtle brownies! If you're ever missing Trudy, she's just a few steps away in the Engineering Student Services office, drop by and say hi! Once again, I just want to say how pleased I am to be on board the Mechanical Engineering team. A special thanks to students, faculty, and staff for such warm welcomes!

COURSE OFFERINGS - Fall and Spring

It's that time of year again! While the summer heat



blazes on well into September the summer term officially ends August 5th.

This year the Mechanical Engineering Department is offering students more courses and technical electives than in

prior years. Courses like **Applied Combustion**, **Forensic Engineering**, **Experiment Design and Regression** and **Composite Materials** will be offered as both graduate courses and technical electives in the fall.

Design Against Uncertainty will also be offered as a technical elective, and **Advanced Strength of Material** as a graduate course. Early registration is key as there are only twenty-five seats available and classes fill up fast. The procrastination bug has been flying around lately and while it may be tempting to register at a later date, don't delay - there is a minimum of 12 students required for a course to run! Registration is only a click away—go online or visit KC in the ME office.

TUTORING

Don't forget FREE tutoring in all Math, Science, and Engineering classes at the DESS office, ENG Bldg. 36, room 170. See the schedule online at www.dess.eng.fau.edu/tutoring.htm.

KC's CAREER LINE - The Summer Job Market Layoffs, downsizing, plant closings, these lead business headlines. **What's a graduate to do?** BE PATIENT! Most mid-size to large companies still recruit new college hires – they all need new “blood” for the future. Companies with a fiscal year end of December, use August and September to finalize their operating budgets for the next year and do not recruit. It's also summertime, many decision makers go on vacation before children go back to school.

How to get ahead of the curve – review your five job criteria identified in the January 2007 issue of the Pipeline on page 4. Is #1 still #1? #2 still #2? etc. Which companies do you want to work for? Make a list of 30 to 50. Now create a marketing campaign for yourself YES, you are a product!



(Kneeling: Jameel Rose, Matt Shanosky From left: Dr. Amir Abtahi, Dean Karl Stevens, Dr. Oren Masory, Grant Browning, Oscar Williams, Elio Saenz, Vince Grilli-Meunier, Veronica Puga and Vic Ramani)

FSAE INFO. - FAU Owls race to the finish line!

They did it! After long hours and sleepless nights, the Owls Racing team crossed the FSAE International finish line, placing 31st overall in the competition with 120 registered teams. Eight students, under the direction

of Dr. Masory and Dr. Abatahi, teamed up to design and build a Formula 1 style racecar, beating out such top competitors as MIT, Georgia Tech, and USF. The 31st overall rank marks a huge improvement from the first car



built in 2006 which placed 46th overall. Congratulations to the entire Owls Racing team from the ME Department. We are proud of you! This is a precursor to something greater as the same dedication that brought

the team this far, will undoubtedly yield even better results next year. Preliminary work on the car for next year's competition has already begun but it's not too late to join the team. **Thinking about joining? Stop thinking- just do it!**

The Owls Racing Team needs students to help with manufacturing, marketing, website design and maintenance, graphic arts, brochures, sponsorship efforts and more. All majors are invited there is a place for everyone! Stop by the ME office for details or e-mail the team at owlsracing@fau.edu.



Tilt Test Inspection at Michigan Speedway; this checks for fluid leaks and simulates. Grant in the driver's seat; Veronica and Oscar are the FAU photographers in background.



Preparing for the Endurance race.

ME FACULTY SUMMER OFFICE HOURS
or by appointment

Professor	Day	Office Hours	E-mail
Amir Abtahi	T/TH	1:30 – 3:00	abtahi@fau.edu
William Bober	T/TH	2:00 – 4:00	boberw@fau.edu
George Cai	T/TH	9:00 - 11:30	caig@fau.edu
Oren Masory	T/TH	1:30 – 3:30	masory@fau.edu
Gary Salivar	M/T/TH	M 1:00 – 2:00 T/TH 12:00 – 1:00	salivar@fau.edu
C.T. Tsai	M/W/F	M/W 10:30 – 11:30 M/W 3:00 – 4:30 F 11:40 – 12:40	tsaict@fau.edu