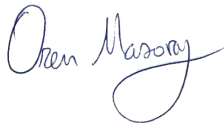


the ME Pipeline

Department of Mechanical Engineering Newsletter

FROM THE CHAIR - BSME CHANGES

There are changes to the Bachelor of Science in Mechanical Engineering (BSME) degree program effective this semester. After review of the academic and design content required in Engineering Design I and II, both are now 3-credit courses. The change is effective with ED I summer 2007 and both courses will be 3-credits in fall 2007. Engineering Design Practice (EDP) has been eliminated from the degree program to balance the credit hours. Students, who took EDP and are not in ED I, will receive a technical elective of 2-credits plus 1 design credit. If you have any questions please speak to your advisor.



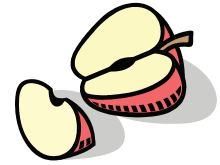

KC'S CAREER LINE

The Employment Market

There are mixed business headlines these days; the Associated Press recently reported an increase of 135,000 jobs while reporting major downsizing at Fortune 100 companies (Motorola, Dell, IBM, etc.) Do not despair! Employers continue to hire new college graduates for "new blood, fresh ideas" – so there is a light at end of the tunnel. However, you may need to readjust your priority list of location, industry, company culture, job responsibilities and total compensation. Only one of these five can be number one; get current with local and national business headlines – adjust your priority as the business news dictates, tweak your resume to reflect a new industry or job responsibility dependent on your priority list. Be flexible, your job is 'for now' not 'forever.'

ED I PRESENTATION - YOU ARE INVITED

Thursday, June 21, 11:30 a.m., lobby of ENG building 36
See something new in the Engineering Design I class. The challenge is to design "a machine that quarters an apple and serves it on a plate." Each team member must design four steps in a sequence that will lead to the final requirement. The overall size of the machine cannot exceed 4'x4'x4' and must start with a push button. There will be eight presentations. Come *JOIN THE FUN*, see the designs of tomorrow!



FREE TUTORING

Engineering Student Services
ENG building 36, Room 170

Calculus & Physics

Monday 8:00 – 11:30 a.m. / 1:00 – 5:30 p.m. (+ ME)

Wednesday 8:00 – 11:30 a.m.

Friday 8:00 - 5:00 p.m.

Programming (CSE)

Monday 10:00 – 5:00 pm

Wednesday 10:00 – 5:00 pm

Friday 10:00 – 4:00 pm

Electrical Engineering

Tuesday 11:00 – 4:00 pm

Thursday 11:00 – 4:00 pm

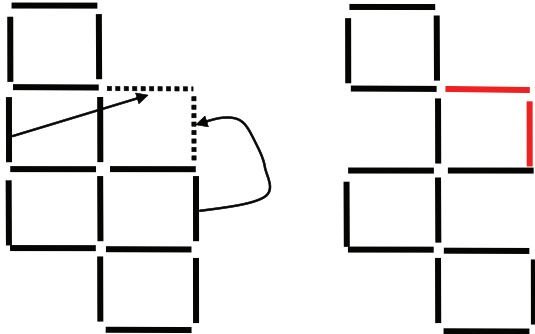


PUZZLE FOR SUMMER 2007

A young deer and a snail race in opposite directions around a circular track, 100 yards in diameter. They start at the same spot, the deer does not move until the snail has gone one eighth (1/8) the distance along the circumference of the circle. The deer has such a poor opinion of the snail's racing ability, he saunters along, nibbling grass until he meets the snail. At this point, the deer has covered one sixth (1/6) of the distance. How much faster, than the speed he started at, will the deer need to go in order to win the race?

SOLUTION TO THE APRIL PUZZLE

The following shape is constructed of wooden sticks. Move only TWO sticks to different locations to make four squares. Four ME students submitted the correct solution --- Chris Brewster, Marvin Jones, Ben Oliver and Travis Love.



CONGRATULATIONS: TRAVIS LOVE – your name was picked out of the hat. Stop by the ME office for your prize!

TRUDY'S CORNER

Check out ME's Wall of Fame!

Have you noticed the huge posters on the walls down our main hallway? They represent faculty research. Take a minute, and see what your faculty are up to when they are not in the classroom. Who knows, if you continue your education with a graduate degree, you may assist with research and add your name to our next generation of posters!

We added three boards for our ME students! One has job postings; please check periodically for current job openings. The second has postings on current class schedules, books for fall classes, engineering news articles, graduation news, department news, etc. The third is a white board for quick notes, etc., and as always, there is your FAU e-mail to check daily for important department news, scholarships, or study opportunities.

Our next phase will include photos from E-Week,

graduation, ED I and II presentations, and other ME student activities on our "Wall of Fame". Any ideas of what you would like to see in our next phase? If you would like to opt out of having your photograph posted, please let me know.

A RUBE GOLDBERG CONTEST?

National and regional collegiate and high school competitions are held annually at Purdue University. The 2007 task was to make juice from an orange and then pour the juice from a pitcher into a cup in 20 steps or more. Check out the video of Ferris State (Big Rapids, Michigan) – WINNER with 345 steps and under two minutes!

<http://news.uns.purdue.edu/rube/rube.index.html>

The contest's namesake is the late cartoonist Rube Goldberg, an engineering graduate of UC Berkeley. Rube discovered difficult ways to achieve easy results. His cartoons were, as he said, symbols of man's capacity for exerting maximum effort to accomplish minimal results. Rube believed that there were two ways to do things: the simple way and the hard way, and that a surprising number of people preferred doing things the hard way. Rube's drawings depict absurdly-connected machines functioning in extremely complex and roundabout ways to produce a simple end result; because of this RUBE GOLDBERG has become associated with any convoluted system of achieving a basic task.

www.rube-goldberg.com

ME FACULTY OFFICE HOURS

Professor	Day	Office Hours	Phone No.	E-mail
Amir Abtahi	Tu/ Th	1:30 – 3:00 pm	561-297-3425	abtahi@fau.edu
William Bober	MWF	11:00 – 12:00 pm	561-297-3898	boberv@fau.edu
George Cai	Tu/Th Tu/Th	8:30 – 9:30 am 11:30 – 1:00 pm	561-297-3428	caig@fau.edu
Leif Carlsson	Rtn 08/21/07	-	-	carlsson@fau.edu
Isaac Elishakoff	Rtn 08/21/07	-	-	elishako@fau.edu
Gopal Gaonkar	MW	10:15 – 11:15 am	561-297-3417	gaonkar@fau.edu
Chaouki Ghenai	MWF	9:30 – 10:30 am	561-297-3943	cghenai@fau.edu
Kader Mazouz	Tu/ Th	9:00 – 11:00 am	561-297-3559	mazouz@fau.edu
Oren Masory	Tu/Th	8:30 – 11:00 am	561-297-3424	masoryo@fau.edu
Davood Moslemian	Rtn 08/21/07	-	-	moslemian@fau.edu
Gary Salivar	MW	-	561-297-3478	salivar@fau.edu
Joe Su	Rtn 08/21/07	-	-	su@fau.edu
C.T. Tsai	MWF MW	10:30 - 11:30 am 2:30 – 4:00 pm	561-297-2824	tsaict@fau.edu
Tim Van Epps	Tu / Th	9:00 – 11:00	561-297-2692	tvanepps@fau.edu