



MECHANICAL ENGINEERING NEWS

February 11, 2004

A newsletter for the UML Mechanical Engineering community (also available online at <http://mechanical.uml.edu>)

Any items you would like to see included in the newsletter or any suggestions/comments?

Please email them to: peter_avitabile@uml.edu or leave them with Jackie Paradise in the Mech Eng office.

Mechanical Engineering Seminar Series - Speakers for Spring 2004

Feb 11 ME Faculty

Feb 18 Resume Writing Workshop

Feb 25 ME Faculty

Mar 3, Mar 10, Mar 24, Mar 31 OPEN

Apr 7, Apr 14, Apr 21, Apr 28 OPEN

Some Events of Interest

Feb 11 Professional Practice Interview Day
(Sponsored by Career Services)

Feb 22-28 Engineer's Week

Feb 26 Dine & Dress for Success
(Sponsored by Career Services)

April 6 Professional Advice Day
(Sponsored by Career Services)

Fundamental of Engineering Exam

Save 75% of the Fee of the Exam !!!

WOW !!!!!

Here is an excellent opportunity to save yourself some money. The College of Engineering and the Mechanical Engineering Department will reimburse you the cost of 75% of the registration fee for the Fundamental of Engineering Exam if you register within the academic year of your graduation. That's a BIG chunk of change so take advantage of this opportunity !!!

FE Exam - It's Not Too Late !

The application deadline for the April 17, 2004 Fundamentals of Engineering Exam is March 1, 2004, so you still have time if you've been thinking about taking it. The FE is the first step to Professional Engineering licensure. Below are places to get more information.

Information about the exam itself:

National Council of Examiners for Engineering and Surveying website

<http://www.ncees.org>

*Massachusetts information and application ***NOT in the National listing with other states****

Follow the path below:

<http://www.peshq.org>

- APPLICANT INFORMATION
 - Complete exam and licensure listing
 - Massachusetts (FE)
 - Information for Applicants
 - Application

The application must:

- be *Notarized* – many banks offer this as a free service for customers
- include a *Passport photo* – CVS charges \$ 7.99, includes a sheet of photos, while you wait
- include a *Certified Check, Money Order or Credit Card number*.

Copies of the Massachusetts “Information for Applicants” and application form are in the grey binder on the counter in the ME Office for perusal.

(There was also an article in the ME Newsletter dated 17 September 2003 that contains some additional information)



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Resume Writing Workshop - SOON!

WHAT – you don't have a copy of your resume put together ????? You should always have an updated copy of your resume especially as you approach graduation. Unfortunately, most students put together a generic resume that really doesn't look any different than any other resume of any other Mechanical Engineering student at any other university. So why should a company hire you ??? Why should a company ask you to come in for an interview ???

Your resume is one of the most important documents that you have. The resume **MUST** be a well-written document that is easily read and conveys your overall capabilities and your educational background.

A resume writing workshop will be held Wednesday February 18th at 11:30AM instead of the typical department seminar – Kitson 303. Pizza and soda will be there!!!

Take the time to write your resume NOW. This is a perfect time to get it ready. Don't wait until the day before you need to send it to a company. In addition to the resume writing workshop, there will also be a mock interview that will be scheduled for Spring during the Advisory Board visit. Get your resume ready for this event.

P. Avitabile receives DeMichele Award

Peter Avitabile received the prestigious D.J.DeMichele award from the Society for Experimental Mechanics at the 22nd International Modal Analysis Conference (IMAC) in Dearborn, Michigan in January 2004. Pete serves on the IMAC Advisory Board and is the Chairman of the Modal Technical Division. He has been very actively involved in IMAC and the SEM for over 20 years. The award is given for “exemplary service and support in promoting the science and educational aspects of modal analysis technology”.

Riddle me this...

- an exercise in experimental techniques

(submitted by Tim Kostar – he knows the answer!)

You are given ten bags of gold coins. Each of the ten bags contains ten gold coins. In nine of the ten bags, each gold coin weighs 1.0 ounce. In one of the ten bags, each gold coin weighs 1.1 ounce. It is unknown which bag contains the 1.1 ounce coins.

The bags may be opened and the coins inspected, but there seems to be no definite way to distinguish between coins. You are given a weighing device, and told you may take only a single weight measurement. How do you determine which bag contains the 1.1 ounce coins?

AIAA - New England Section

Honor & Awards Banquet

Wednesday 18 Feb 2004 – 6 PM

Best Western TLC – Waltham, MA

Contact: Paul Schwartz, 781-271-3536

Space Stations, Base Camp to the Stars

Roger D. Launius, Space History,
National Air and Space Museums

The dinner talk will center around a look at space stations, technology, culture and political intrigue surrounding them. A blend of history and technology will be discussed. The widely acclaimed historian, author, and speaker will navigate the political treachery, translate the technology, and weave the magic of long-term space habitation, closing with a look at the possibilities for future space stations elsewhere in the Solar System.



DEPARTMENT OF
MECHANICAL
ENGINEERING

University of Massachusetts at Lowell