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Fall 2014 Graduation Information
If you are graduating in Fall 2014, the Advising Center would like you to set up an appointment with an advisor as soon as you can. We want to make sure those students planning on graduating in December are addressing all of their BSME requirements in their final semester(s).
If you are **graduating in December 2014**, the typical window for Application for Graduation is between mid-August to the end of September. More information will be available later on the TAMU Graduation Application website: [http://graduation.tamu.edu/applica.html](http://graduation.tamu.edu/applica.html)

Also, there is a lot of other good information that can be found at the TAMU graduation website [http://graduation.tamu.edu/](http://graduation.tamu.edu/).

### Fall 2014: New Technical Electives

Please note there are a few new courses that have been added to the Fall semester schedule over the summer. These courses can satisfy one of your technical elective degree requirements. **Be sure to check pre-requisites though before enrolling**. If you don’t satisfy a pre-requisite, you’ll be dropped from the class.

Here is the list of new courses:

- **MEEN 489, 500 – Engineering Applications of Solid Mechanics (Dr. Schneider).** Did you like 221, CVEN 305, and 368? If so, you’ll really like this class. Learn about design and analysis for advanced applications of solid mechanics. Cool stuff!

- **Meen 489, 503 – Cogeneration Systems (Dr. Caton).** Thermo, anyone? If you’re drawn to MEEN 315 and MEEN 421, then Cogeneration is a natural extension. What is cogeneration? Take the class and find out! (Hint – it has to do with power plants, and steam, and energy, and awesome stuff like that).

### Important ENGL 301 Information

Starting Fall 2014, ENGL 301 will no longer be offered. Students are to take ENGL 210-Technical Writing in its place.

### Lab Safety Acknowledgement

Please make sure you do the Lab Safety Acknowledgement in Howdy **BEFORE** registering for any courses that are labs or have a lab component. Students will not be able to enroll in courses that have lab components if the LSA is not done. Students will get a “student attribution” error. If you are unsure if the course has a lab safety requirement, please check the course restrictions in Howdy.

### Surfing the Web in Class? BAD IDEA!

Welcome Back Events
Fall Festival and Carnival – Sponsored By: Schlumberger and Shell
September 4th 3:00pm-6:00pm
Location: Green Space between Zachary and Wisenbaker

Mechanical Engineering Department BBQ
September 5th 11:30am-3:00pm
Location: MEOB Court Yard

Mechanical Engineering Coffee Social
September 24th 8:00am-9:30am
Location: Second floor of ENPH Bldg., outside of 200 CAIN

Career Fair Information
SEC’s Fall 2014 Engineering Career Fair will be taking place on Tuesday, September 9th and Wednesday, September 10th at Reed Arena, and is the premier recruiting event for the Dwight Look College of Engineering at Texas A&M University. The career fair is planned, organized, and staffed by the Student Engineers’ Council and is one of the largest student-run engineering career fairs in the nation. Historically, as many as 7,000 engineering and industrial distribution students attend the career fair seeking internships, co-ops, and full-time positions. For more career fair information refer to: www.sec.tamu.edu

Some workshops that the SEC and Career Center will have during the first week of school are listed below:
Sep 2nd @ 5:30PM @ 102 Zachry - Resume Writing
Sep 2nd @ 7:00PM @ 102 Zachry – Interviewing Skills
Sep 3rd @ 6:00PM @ 102 Zachry – How to “Work” a Career Fair with Texas Instruments
Sep 4th @ 1:00 – 4:00PM @ Zachry Lobby – Resume Reviews
Sep 4th @ 6:00PM @ 102 Zachry – How to “Work” a Career Fair with AT&T
Sep 5th @ 9:00AM – Noon @ Zachry Lobby – Resume Reviews with AT&T

Sounding Rocketry Team
The Texas A&M University Sounding Rocketry Team is a student-run organization which designs, builds, and tests a high-powered rocket to compete in the Intercollegiate Rocket Engineering Competition (IREC), hosted annually by the Experimental Sounding Rocket Association (for more information about the competition, visit their site: http://www.soundingrocket.org/).

The goal of the Sounding Rocketry Team is to provide hands-on experience to students interested in the field of rocketry. The team consists of undergraduate and graduate students chosen from a pool of applicants in the College of Engineering. These individuals are then separated into four teams which specialize in different components of the rocket: propulsion, structures, dynamics and operations, and electronics and payload. The
team has one semester to analyze and design the most effective rocket to achieve the competition parameters set forth by the ESRA: build and launch a rocket to carry a 10lb payload to precisely 10,000 ft above ground level. The second semester is then spent building this rocket and testing for reliability and safety.

Students interested in applying are encouraged to do so before the first day of classes on September 1st; however, applications will be accepted up until 5pm on Wednesday, September 3rd. The application is attached, or can be found on our website (srt.tamu.edu) along with more information regarding our team. Please read the team descriptions before selecting a preference on your application. Individuals will be contacted for an interview to be held on Thursday and Friday and final decisions will be posted over the weekend. If you have any questions, please contact Stephanie Recchia at srecchia@tamu.edu.

Undergraduate Research Scholars Program

Honors and Undergraduate Research announces a call for proposals for the 2014-15 Undergraduate Research Scholars Program. The goal of this program is to encourage motivated undergraduates to participate actively in research/scholarly projects and to give them the opportunity to communicate their findings as principal authors to the university's scholarly community. After successfully completing the program, Scholars will be recognized at graduation and on their transcript as an Undergraduate Research Scholar.

Undergraduate Research Scholars produce a Scholars Thesis and publicly present their research to the scholarly community. Additionally, Scholars can receive 1 hour of “W” (writing credit) through the Thesis Writing Course (spring semester) as well as receive a $300 reimbursement allowance for travel or research-related expenses.

To qualify for participation in the Scholars Program, students must have completed at least 60 hours of undergraduate courses with at least 24 hours at Texas A&M. Students should also have and maintain a Texas A&M cumulative GPR of 3.0 or higher, graduate May 2015 or later and be currently involved in or planning a suitable undergraduate project. If you have a student working with you who you feel would benefit from this program, we urge you to work with them in preparing a proposal (1,000 words). Alternatively, if you have a group of 2-4 students who are working as a team on a larger overall project, or similar but related projects, please have them consider applying as an Undergraduate Research Scholars Team. Applications will be accepted until September 19, 2014

For more information see http://hur.tamu.edu/UGR/UGR-Scholars/1415-Application.

Questions? Please contact Duncan MacKenzie, Associate Director for Undergraduate Research, office of Honors and Undergraduate Research at d-mackenzie@exchange.tamu.edu or phone 979-845-1957.
Mechanical Engineering MS Fast-Track Program
Are you a high-achieving student with a 3.5 or higher GPR and interest in graduate school? If so, you might consider the Mechanical Engineering MS Fast-Track Program. This program allows you to satisfy some of your graduate-degree requirements as an undergraduate student (and, if planned correctly, can allow you to count a graduate-level class for both graduate and undergraduate degrees). Ultimately, this can decrease the time it takes to get your MS degree. Sound interesting? Please email either Dr. Jacobs (tjjacobs@tamu.edu) or Dr. McAdams (dmcadams@tamu.edu) for more information. A short application must be completed and, if accepted, a commitment form signed. Students must be registering for their second-to-last or last semester to be eligible.

Aggie Research Scholars Program
The Aggie Research Scholars Program will have around 250 positions available for undergraduate research this summer, and could use your help in getting the word out about this great opportunity to the students and faculty of your department. The program seeks to support undergraduate research teams across university departments via funding and mentoring. Undergraduates with some research experience and who would like to lead a team project and 3 interns, can apply for this paid research assistant positions ($9/hr for 10hr/week) with faculty and departments of their own choosing. For more information on expectations and funding, click here.

AggiE-Challenge Project—Miniature Autonomous Robots
Check out this new AggiE Challenge project this fall. Undergraduate mechanical engineers are needed to join our team of approximately a dozen undergraduates from several departments. The objective is to design, build, and test miniature autonomous robots that can live in water or oil and gas pipelines to inspect, clean, maintain and repair. Contact Professor Raktim Bhattacharya if interested. Click here for more information.

AggiE-Challenge Project—Fire Flight
Check out another new AggiE Challenge project this fall, with a focus on designing and building unmanned air vehicles (UAVs) that can fly in fire and radiation to inspect damage in fires in disasters chemical plants, oil & gas wells, and nuclear reactors. Undergraduate mechanical engineers are needed to perform heat transfer, thermodynamics, and mechanical design. Contact Professor John Hurtado if interested. Click here for more information.

TAMU-Qatar Application for Spring 2015
The application portal is open (here) for students to apply for the spring 2015 semester at Texas A&M University-Qatar. The portal will close at 5:00 p.m. on Friday, September 12th. I will send a reminder at the beginning of the semester. Eligibility: Sophomore, Junior, Senior status and 2.75 GPA or higher.
Undergraduate Research Scholarship Awards

Ten undergraduate research awards are available, to be awarded for either the 2014 summer term or the 2014-2015 Academic Year. Scholarship awards are not renewable. Upon completion of research, recipient will produce a written thesis which will be submitted to the Honors and Undergraduate Research Explorations publication or other technical scholarly journal / conference. Junior or senior mechanical engineering students in good academic standing with desire to conduct research under supervision/guidance by a faculty advisor. For more information, click here.

Canrig Drilling Technology Ltd. Internships

Canrig Drilling Technology Ltd. has multiple internship openings! They have adjusted the minimum GPR to a 3.0 and expanded it to include May 2016 graduates. Please see their postings on hireaggies.com to apply.

Shell Summer Internship Program

Shell is seeking ambitious people to join their team for summer 2015! To be eligible for an Internship, you should be an actively enrolled student who will complete at least one more semester of education following your internship, minimum cumulative GPA of 3.20 and have authorization to work in the US on a full time basis. For more information or to apply online visit www.shell.us/students. You must successfully complete timed online assessments. Selection for interviews will take place as early as August and will continue through October. In order to be selected for an interview, you must first complete and pass the online assessments.

Tenaris

The college of engineering has once again partnered with TENARIS to offer international internships for sophomore, junior, and senior students (except graduating seniors of May/August 2015). This is a great opportunity to combine two of the most valuable high impact learning activities in one summer: Study Abroad and Internship.

The Tenaris International Internship Program offers the best combination of work experience, learning skills and getting immersed in a new culture. This program represents an opportunity for students, in intermediary study years, to be part of a global manufacturing environment working on challenging assignments and real-world engineering projects.

Please join us on Wednesday, September 10th at 4 PM at Engineering Innovation Center (http://engineering.tamu.edu/easa/areas/enrichment/eic) to learn more about Tenaris and the International Internship Program. You will have the opportunity to hear presentations from 12 fellow Aggies that just completed their summer abroad with Tenaris. Dinner will follow. Please RSVP by emailing campusrecruitment@tenaris.com

Program Duration: 8 to 10 weeks
Tentative Start Date: Beginning of June
Number of participants: 10 to 15  
Host Regions: Latin America, South America, North America, and Europe

**Shell Full Time Opportunity**

Shell is seeking ambitious people to join their team! To be eligible, you should be graduating before August 2015 and have less than three years of relevant work experience, minimum cumulative GPA of 3.20 and have authorization to work in the US on a full time basis. For more information or to apply online visit [www.shell.us/students](http://www.shell.us/students). You must successfully complete timed online assessments. Selection for interviews will take place **as early as August and will continue through October**. In order to be selected for an interview, you must first complete and pass the online assessments.

**Academic Success Center**  
**Wednesday Workshops—Fall 2014**

Registration for the ASC Workshops is required! Students can register at [ers.tamu.edu](http://ers.tamu.edu) or go to our website for more details. All workshops are on Wednesdays from 1:50-2:40 p.m. and 3-3:50 p.m. in HECC 202 unless otherwise noted.  
[SuccessCenter.tamu.edu](http://SuccessCenter.tamu.edu)

- **“Starting Out Right”**  
  (What to do in your classes to start off strong; tools for a successful academic semester)  
  Wednesday, September 10

- **“I’m Late, I’m Late!”**  
  (Time management strategies and dealing with procrastination)  
  Wednesday, September 17 and Wednesday, October 29

- **“Do I Have to Buy the Book?”**  
  (Concentration, reading comprehension, textbook reading strategies)  
  Wednesday, September 24 and Wednesday, November 5

- **“Why Do I Have to Write That Down?”**  
  (Forgetting curve, note-taking techniques)  
  Wednesday, October 1 and Wednesday, November 12

- **“Do or Die: Test Preparation”** (specific focus on mid-terms)  
  (Prioritizing study tasks; 5 Day Study Plan)  
  Wednesday, October 8
“My Mind is Blank”
(Test anxiety, test-taking skills)
Wednesday, October 15 and Monday, December 1

“Memory Matters”
(Information processing, types of knowledge, self-regulated learning, understanding retention)
Wednesday, October 22 and Wednesday, November 19

“Do or Die: Finals Preparation”
(Prioritizing study tasks for finals; 5 Day Study Plan)
Wednesday, December 3

If you need to contact someone in the Undergraduate Advising Office, call 979-845-1252
Or e-mail Sarah Butler at sarah.butler@tamu.edu
If you need to speak to an adviser, try:
Rachal Thomassie at rthomassie@tamu.edu
Katelynn Graham at kgraham@tamu.edu
Doug Beck at dbeck@tamu.edu