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Calendar

MAY 17, Fri - **AGC Golf Tournament** at Trysting Tree Golf Club, Corvallis. Signup sheets in 101 Kearney.

May 17 – [Engineering Expo](#)

In the News

[OSU study finds 'permitted' left turns put lives at risk](#) (KGW)

It's something drivers do millions of times a day around the world – they make a left hand turn on a flashing yellow arrow. But a new study by **David Hurwitz** at OSU shows that when drivers do that, pedestrians are at risk. (See also [Northwest Cable News](#).)

[The flashing yellow turn signal: Good for drivers, bad for pedestrians](#) (Atlantic)

"It's more efficient, because we're using gaps in an opposing stream of traffic," says David Hurwitz, a transport engineer at Oregon State University, of the flashing yellow arrow. "But it has safety implications."

Opportunities

CE Senior Resumes – all 2013 seniors should send their resumes for submission into the [CE Bluebook](#), where your resume will be available to potential employers. E-mail your resume in PDF format to Cindy.Olson@oregonstate.edu before May 10.

In light of the relatively few senior design classes offered in the Fall, my sincere hope is to grow enrollment in CE 471 by a substantial amount this coming year (and again moving forward). In fall 2012, enrollment was low (12) because the course has not been offered for several years. I will be disappointed if enrollment is not **at least doubled** for the coming year. Given that student evaluations for last year were excellent (5.0/5.6 on Q1/Q2) and we are currently offering CE 373 in-house for the first time in many years, I see this as an achievable goal. I am hoping that you can help me with several items:

AutoCAD 2012 (basic, not Civil3D) - for the first time ever, students can run AutoCAD, running via Citrix XenApp, remotely without having to install the software on local laptops. It can run from any OS that supports the Citrix Receiver (Windows, MacOS, iOS, your Droid phone, etc.). Usability obviously varies with the device interface. Autocad on an iphone is not advised, but amazing to try none the less. [More info on Citrix](#).

Freshman and sophomores - Receive a compensation of \$20, by participating in a research study! We are looking for students to participate in a web application study called "End Users Designing Web Applications". The study is led by Dr. Margaret Burnett and is being conducted by student and faculty researchers in Computer Science at OSU. Participants should be comfortable with web browsing. The experiment will be conducted on campus in Kelley Engineering Center Room 2106 at a time convenient to you. You would need to arrive about 15 minutes early to get registered. The time commitment requested is about 2 hours. Potential benefits include having a glimpse at web applications and maybe even helping shape the way the Internet might be in the future. There are no foreseeable risks to you as a participant in this project. You will create an interactive web application. Your choice about whether or not to participate in the study will not affect your relationship with any of the research team members. You will be compensated \$20 for your participation. To sign up, contact Faezeh Bahmani (bahmani@engr.orst.edu, 503-798-6519) specifying the following: Your name; Your

phone number. Please sign up as soon as possible. We would like to get this organized as quickly as possible.

Scholarships

Undergrad

- Salem Contractors - June 15
- National Association of Women in Construction - June 1
- Howard Preston Scholarship - June 1
- Oregon Concrete & Aggregate Producers - May 24
- Oregon NASA Space Grant - May 17

Grad

- Huixian Earthquake Engineering Foundation (China) - June 30
 - Howard Preston Scholarship Award - June 1
 - Oregon Concrete & Aggregate Producers Association - May 25
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Advising

You've likely completed some midterms by now, and with those grades, you should have an idea of how well you're doing in your classes. If you're not sure, check the MyGrades area of [Blackboard](#) and/or contact your professors after class, during office hours or via email.

The best-case scenario is that you're happy with your grades, and if so, continue doing what's working. But if your grades could be better, you can take action to improve things before the end of the term.

When you contact your professors, ask for specific ways you can do better in their classes. It might be improving your [listening](#), [note taking](#) or [time management](#) habits.

You can also get help from the [Academic Success Center](#), [Writing Center](#) and [Collaborative Learning Center \(CLC\)](#). If you're living on campus, take advantage of the weekly tutoring sessions in your residence hall. If you're taking classes online, contact the [Ecampus Student Services Center](#) for assistance.

Still, there may be instances where even if you're giving a class your best effort, you're still concerned about your grade and how it might affect your GPA. Remember you have options, and your adviser can help you choose the right one:

- Consider [changing your grading basis](#) from A-F to Satisfactory/Unsatisfactory (S/U) if it's a bacc core class or not required for your major, minor or option. A grade of S — the equivalent of a C- or above — counts as credit toward graduation, but neither an S nor U grade affect your GPA. Changing to an S/U requires an adviser's signature.
- Consider [withdrawing](#) from the class. This should be a last resort if you, your professor and/or adviser believe you're not likely to pass. Keep in mind, however, that to retain your [financial aid](#), you must remain a full-time student (12 credits or more) in most cases. A grade of W will appear on your transcript.

The deadline for switching to an S/U or W is Friday, May 17, so act now, and have a good week!

ASCE PNW Student Conference

The conference, hosted by OSU's ASCE student chapter, was held April 25-27 and was a huge success with 17 schools attending from Oregon, Washington, Alaska, Idaho and Montana. The conference involved steel bridge, concrete canoe, technical paper, transportation, environmental, geotechnical, and engineering knowledge contests and a professional-student roundtable.

A banquet with 370 students and professionals closed out the conference in style, with Greg DiLoreto, ASCE national president as the keynote speaker.

Highlights for OSU's participation in the conference includes:

- 4th place in Overall Excellence at the conference.
- 4th place in the steel bridge contest (3rd place in Efficiency, 4th place in Stiffness, 4th place in Lightness, and 2nd place in Display). [See photos here](#).
- The concrete canoe team placed 5th overall, 4th in design paper, 2nd in the oral presentation, 1st in the women's sprints, 2nd in the men's sprints, and 2nd in the women's endurance race.
- Katherine Agnew did an excellent job and placed 5th in a very tight technical paper contest on the topic of Credentials vs Competency and the ethics involved.
- OSU placed 2nd in the environmental contest to change dirty water to clean.
- OSU placed 4th in the geotech pile-driving contest.
- OSU was 2nd in the transportation photo scavenger hunt and 3rd in the transportation competition with wheel chairs.
- The engineering knowledge contest was a fun event with OSU placing 4th.

Lastly, Dr Miller was on the 2nd place dodge ball team with the judges on it. He was seen flying around the court and making amazing plays. Actually, most of the time he was hiding behind his team-mates to avoid getting hit. Mikael Koiv led the way!

Congrats to all who participated and to those behind-the scenes as well. A conference well-done!

Graduation

June 14, Fri - [CCE Graduation Celebration](#), register online to attend before June 4.

June 15, Sat - [OSU Commencement](#). All candidates must wear traditional cap and gown. No tickets required.

Jobs

Associate Project Engineer - Performance Contracting, Inc. is seeking a 2013 CE or CEM graduate to fill this position. Their website is www.pcg.com and has plenty of information as well as pictures of the various kinds of projects they complete. Please contact Derek Timler for more information. If you apply, please cc lauren.farmen@oregonstate.edu. If there is enough interest, the company will travel to campus to conduct on-site interviews.

Estimator & Field Eng (intern)- Mass. Electric Construction Co. Industrial (MEC) is one of the nation's premier electrical contractors and a subsidiary of Kiewit. They are a leader in providing complex and large-scale electrical construction and maintenance services. Their markets include those in renewables, power, transmission & distribution, water/wastewater, life sciences, data center, communications & ITS, security, transit/light rail and traction power across North America. [Details here](#).

Intern - NIST Pathways Intern Program. The selectee will perform analytical studies of building structures designed to resist earthquake ground motions in accordance with current design standards, so as to determine performance of specific building elements. [More...](#)

Various **NECA** affiliated companies are interested in full-time employees, as well as summer interns. To apply to these opportunities, send your resume and cover letter (specifying your interest in a full-time or internship position in electrical construction) to lauren.farmen@oregonstate.edu.

The **US Navy** is looking to fill positions for several programs this year, specifically Nuclear Propulsion Officers and Pilots. These are active duty military positions with the US Navy and do not require any training or participation until graduation. [Details here](#).

Job Site Tour



Students and faculty tour the Lease Crutcher Lewis job site of the Union, a large residential complex at 27th and Harrison in Corvallis that is utilizing several different types of construction. Students looked sharp in their new PCL hard hats!

Go Beavs!

Forward newsletter submissions to nancy.brickman@oregonstate.edu by **Friday** each week. Prior newsletters archived at <http://cce.oregonstate.edu/node/223>