# EEE Newsletter

**January 5, 2018**

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## How to Schedule An Appointment with Tammi Thayer*

Most advisors and student service offices across campus use **BoilerConnect (BC)**. Tammi also uses this system to make appointments. You can access BoilerConnect (BC) at [https://purdue.campus.eab.com](https://purdue.campus.eab.com).

Attached is a document for students to learn navigation. Please note:

- To access Tammi’s calendar you will select Engineering Advising, then Environmental and Ecological Engineering Advising, then Tammi Thayer. You will also be asked to select a topic that relates to the purpose of your meeting.
- The EEE office has a sign in kiosk at the front reception desk. When visiting EEE (POTR 364) for your appointments you will either swipe your PUID or enter your PUID # at the kiosk.
- There is a link to BC in Tammi’s signature block and on a few EEE webpages for [Current Students](https://purdue.campus.eab.com).

## EEE Office hours and POTR building hours

- The EEE Office is open 7:30am-4pm M-F. Tammi Thayer is in the office from 9am-4pm.
- Clarification has been received for POTR building hours since the Engineering library relocated out of Potter to the Wilmeth Active Learning Center.
- Hours of operation are **6:00am - 10:30pm, 7 days a week.**
- If doors are locked during these posted times, contact the Purdue Police non-emergency number at 49-48221.

## EEE Computer Lab - POTR 360*

- The EEE computer lab room has moved to a larger room, POTR 360.
- Key pad entry instructions:
  - Pull handle down once or twice to clear
  - Enter Code 361234
  - Pull handle down and open door
- EEE maintains this computer center for academic & social activities. Its use is a privilege reserved for EEE students and those enrolled in EEE courses to work, study, and access dedicated EEE computers. There are 6 desktop computers with internet access and a printer/scanner. The room contains reconfigurable tables, chairs, and whiteboards.
- Please read the attached agreement sheet which details privileges and responsibilities of using this room. In general, be respectful to others and the property. Always log off of computers before leaving the room. Do not lock a computer for later use. Do not move or alter any of the computer systems.
- If you wish to place items on the wall, ask in the EEE Office for appropriate tacky putty. (No tape or staples.)
- Use discretion when determining if to print and **how many copies** to print.
Closed courses and Waitlists in myPurdue

- The Waitlist feature in MyPurdue will close at 5PM Friday, January 5. At this time all the waitlists will be deleted and no longer function.
- Students may still add classes to their schedule through January 15 if a seat becomes available. Continue to monitor to catch if a seat opens.

Summer 2018 Schedule of Classes & Time Tickets

- Summer 2018 Schedule of Classes was published in myPurdue on Monday, Dec 11, 2017. Summer PINs are the same as Spring 2018 PINs.
- Time Tickets for summer registration were assigned on December 20th. Each student must look in their own myPurdue account to find his/her time ticket because it is specific to how many credits a student has completed.
- General time tickets can be found at link below, but realize that each student must look in their own myPurdue account to find his/her time ticket because it is specific to how many credits a student has completed. You may call yourself a sophomore but have a junior ticket due to AP and dual credits inflating your classification. [http://www.purdue.edu/registrar/currentStudents/students/registrationFaq.html - not specific time tickets](http://www.purdue.edu/registrar/currentStudents/students/registrationFaq.html)

EEE Research Opportunity Spring 2018*

- Help launch a new research project to explore the large-scale, long-term health of the planet and the link to human health. This project will be based on finding, collecting, cleaning, filtering and analyzing a comprehensive data set of environmental quality and public health indicators and will combine unique types of data.
- See attached flyer for more details and requirements.

EEE 59500 Urban Ecosystem Services (CRN 11675)*

- Prof. Michael Mashtare is looking for more juniors or seniors to enroll in his Urban Ecosystem Services course this spring. It meets T/Th 4:30-5:45pm. Flyer attached.
- This course will explore ecosystem services in the urban setting. Topics will include identifying key ecological services (and disservices), ecological footprints, valuation approaches, global forecasts, approaches in restoration ecology, the city biodiversity index, and the role of ecosystemservice assessments in urban planning.
- EEE will count this course as EEE Selective credit.

MyPurduePlan: Update Your ‘Plans’ tab

It is imperative that you get to know and understand the requirements you must achieve to obtain your BSEE degree!!! MyPurduePlan is one resource to assist you in meeting this goal. Find all tutorials on MPP features at [https://www.purdue.edu/registrar/currentStudents/myPurdue/index.html](https://www.purdue.edu/registrar/currentStudents/myPurdue/index.html)

Finding myPurduePlan - Login to myPurdue > Destination: Graduation > myPurduePlan
- Worksheets tab - Review your Worksheet tab in myPurduePlan. It should be completely accurate. Make note of anything that seems inaccurate or anything that you have questions about, and let Tammi Thayer know. Unsure of how to read the Worksheets tab? Go to [https://mediaspace.itap.purdue.edu/media/myPurduePlan+Worksheet/1_gytsywcz](https://mediaspace.itap.purdue.edu/media/myPurduePlan+Worksheet/1_gytsywcz)
- Plans tab - Upon entry to EEE all students receive a personalized plan of study from Tammi. It then becomes your responsibility to keep it updated per changes in registrations, future plans, repeat of courses, etc. Failure to have a customized and up to date plan may cause a delay in your future registrations. Need help? Go to [https://mediaspace.itap.purdue.edu/media/myPurduePlan+Plans+Tab/1_0mzzf67i](https://mediaspace.itap.purdue.edu/media/myPurduePlan+Plans+Tab/1_0mzzf67i)

Finding EEE Curriculum resources - Go to [www.purdue.edu/EEE > CurrentStudents > Academic Resources](http://www.purdue.edu/EEE)
- Plans of Study - follow the appropriate path per entry date to Purdue to view the standard 4 year plan of study.
- EEE Selectives - Hyperlinks to course descriptions ease the process of reviewing for course content, along with investigating any requisites and/or restrictions. Table 1. Universally Approved - includes courses that are fundamental to environmental engineering. These courses should be given top priority as you consider your future EEE Selective package.
- EEE Registration Tools - page developed to be a “one-stop shop” that contains links to many registration tools, EEE policies and resources from across campus.
Welcome back and welcome new EEEs! There are several things happening soon that you should know about.

Expo is on January 30th from 9am to 3:30pm at the Mackey Arena. Expo is the largest Purdue career fair in the spring semester. There are quite a few companies that will be there. There are some that have listed EEE as an option, but there are also good companies that don’t have EEE selected. To enhance your job search look for companies seeking Environmental Health Sciences and Civil Engineering and see if they do environmental work. Many do! In particular, I see quite a few food companies and others like CHA and Fluor. More information on Expo:
http://www.purdueesc.org/careerfairs/expo/studentcenter/

There will be an EXPO prep night (date TBD) before the fair and EXPO Seminars for specific companies will be held on January 30th from 1:30 to 8:30pm. If you are interested in a company and they are giving a seminar or attending prep night, this is another chance to connect with them. Information on these events can be found at the link above.

The Professional Practice Career Fair is on February 20th. This career fair is associated with the co-op program on campus but there will also be some internship opportunities. In addition to internships, co-ops are the main way to gain environmental engineering experience prior to graduating. With a co-op you work for the same company for multiple rotations (or semesters), generally picking up assignments with greater responsibility (and greater pay) each rotation. Sophomores (and some juniors depending on your actual “status”) are applicable if they have a 2.6 GPA or higher. You should have received an email if it is applicable to you. Here is a link giving more information on the program:
https://opp.purdue.edu/students/apply.html and directions on how to apply are found here:
https://opp.purdue.edu/files/Students/Student_Application_InSTRUCTIONS.pdf Your resume needs to be posted by January 29th to their database to be applicable for this career fair. They are continuing to add new opportunities to the system so keep checking if you are interested. In addition, there will be companies not listed as specifically looking for EEEs that would probably love to have you. Be sure to check the employers ahead of time and go to those who you think need an EEE in additional to those who want EEEs. In the past we have had Bendix, Ascend, Consumers Energy, HNTB, NASA, SoCore Energy, Howmet Castings (Alcoa division), and Regal as listed employers. I would in particular consider visiting these employees if they don’t have “EEE” selected prior to the career fair. There will also be a Networking Night on Feb 19th for this career fair. Another great way to network with potential employers!

If you have any problems accessing the co-op database/system, please let me know! In the past students have had problems and I helped them out. The system is fairly new so there may be glitches.

To learn more about co-ops, you should go to the co-op callout. January 11th at 7pm in EE129 is the session for sophomores. You will learn about the program and have an opportunity to speak with me about EEE opportunities.

I have been posting permanent and internship opportunities on our website. Have you checked it lately? Remember to check our website since most of the time these opportunities are different than those offered elsewhere at the university. Unless an opportunity requires me to relay information or is time sensitive, it will only be posted on our website and not emailed. I highly suggest you check the jobs portion of the EEE website regularly especially during peak job periods such as the end/beginning of a semester.

Permanent positions are found at this link:
https://engineering.purdue.edu/EEE/Academics/InfoFor/CurrentStudents/EEERelatedFullTimeJobs

Internships are found here:

Purdue Society of Women Engineers Market Yourself 2018*

- Market Yourself - a professional development event held on Saturday, January 20th, 2018, hosted by the Purdue Society of Women Engineers (PSWE) and sponsored by Procter & Gamble. The event consists of multiple workshops presented by P&G representatives, interactive interview exercises, and informal networking over a catered lunch.
- This is a great opportunity to for students to learn more about creating a personal brand and preparing for upcoming interviews and job fairs such as EXPO.
- Attached is a flyer providing more information as well as a QR code/link to the registration form. This event is free for SWE members and a $5 charge for non-members.
The Fundamentals of Engineering (FE) exam is typically the first step in the process leading to the P.E. license. It is designed for students close to finishing their engineering degree or recent graduates. The FE is a computer-based exam that is administered year-round at NCEES (National Council of Examiners for engineering and Surveying) approved Pearson VUE test centers. FYI - Purdue has an approved test site. The FE contains 110 multiple-choice questions. The exam appointment time is 6 hours long, which includes a nondisclosure agreement, tutorial (8 minutes), the exam (5 hours and 20 minutes), a scheduled break (25 minutes), and a brief survey.


- The EEE website has an information and resource page. Go to EEE > [Current Students] > click on Fundamentals of Engineering (FE) Exam under ‘Useful Resources’ This page highlights the Environmental Exam, NCEEES itself, links to various sites to register for the FE, what study sessions are offered on campus (not all apply to EEE, though), how to purchase study guides, and other resources to consider.

- More info about resources for the FE exam... Prof. Nies has very graciously purchased a “loaner” copy of the FE Environmental Engineering Review Manual (all 754 pages!!) that will be housed in the EEE office. Seniors are welcome to “check out” this manual for a 72hr period to review/study. This will at least allow you time to see what types of problems are on the exam, and solutions are provided. See Tammi Thayer to check out the manual.

**What are REUs?? (NSF Research Experiences for Undergraduates)**

- NSF Research Experiences for Undergraduates (or REUs) are competitive summer research programs in the United States for undergraduates studying science, engineering, or mathematics. Such programs usually focus on targeting women and underrepresented minorities. The programs are sponsored by the National Science Foundation, and are hosted in various universities. They are among the most prestigious summer programs that an undergraduate can participate in. Individual REUs tend to be specialized in a particular field of science. There are REUs in many scientific fields such as mathematics, physics, chemistry, geology, biology, psychology, and computer science.

- REU sites typically consist of ten undergraduates working in the research program of the host institution. As the program is funded by the NSF, undergraduates must be citizens or permanent residents of the US or its possessions to be eligible for funding. However, some REU sites accept “self-funder” international students. Applications are typically due between February and March. This is excellent opportunity for undergraduates to get further research experience, and REUs are especially recommended for students considering graduate coursework later on. Compensation for hours worked is provided.

- A searchable engine and more info can be found at [http://www.nsf.gov/crssprgm/reu/reu_search.jsp](http://www.nsf.gov/crssprgm/reu/reu_search.jsp)

- These opportunities are competitive so having prior research experience makes you more competitive.

- See your EEE Mentor for more insights on the advantages of REUs, or with help in narrowing your choices.

**Scholarship Opportunities Available!**

- It is always scholarship season! If you are looking for scholarships for next semester or year, the EEE web page has a listing of private scholarships offered by organizations outside of EEE and/or Purdue. There are a number of opportunities listed there currently and the page is continually updated with more information as it is shared with our office. Get in the habit of checking this page frequently.

- You may access this page by taking this path - EEE -> Current Students -> Useful Resources -> Scholarships and Financial Aid -> Outside Scholarship Opportunities

**Battery Recycling available in EEE Office**

- EEE has purchased the entry to a nationwide program for batteries recycling. The fee we paid includes the costs of the container, shipping, handling and recycling. Be informed that a green cardboard box (the Big Green Box, cf. [https://biggreenbox.com](https://biggreenbox.com)) has been installed at the entrance of PORT 364 for your use to dispose of batteries for recycling. Alkaline batteries are not regulated by the EPA as a universal waste, as they contain no EPA regulated hazardous constituents. Therefore, REM does not accept such batteries on a Hazardous Materials Pickup Request. At present there is not a Purdue centralized alkaline batteries collection for recycling program.

- Although the Big Green Box accepts various types of batteries, cell phones and electronics, this recycling initiative is primarily intended for collection of alkaline batteries. No additional insulation required for AA, AAA, C & D alkaline batteries.
batteries, just drop them into the box. Some other types of batteries require insulation, the plastic bags and instructions are provided on the box. Please, check the back side of the box for an additional info.

- Alkaline batteries in the Big Green Box will be sent to Retriev Technologies Inc. that has developed, patented and implemented a process to safely and efficiently recycle alkaline batteries. At their facility, the alkaline batteries are shredded to separate the steel casing from the zinc and manganese active materials. The recovered steel is sent to a downstream mill for reuse in new steel products. The recovered zinc and manganese is processed through Retriev’s patented hydrometallurgical process, which produces very high-grade zinc and manganese that can displace virgin materials produced from mining and high temperature refining operations. Presently, the manganese is used in the production of new batteries.

**New Course & New Minor: Fundamentals of Innovation Theory & Practice**

- The College of Engineering, Innovation and Leadership Studies Program has launched a new minor in Innovation and Transformational Change which is intended to empower students with the methods and competencies to drive beyond incremental change in their chosen field through application of fundamental principles of innovation science.
- The inaugural offering of the foundational course for the minor, **ENGR305: Fundamentals of Innovation Theory and Practice** is this Spring 2018. It is offered at 5:30 pm on Mondays (50 mins) and Wednesdays (110 min).
- An overview of the new minor can be found here: [https://engineering.purdue.edu/Innovation/students/ minor](https://engineering.purdue.edu/Innovation/students/ minor)
- A description of ENGR305 and an example syllabus can be found here: [https://engineering.purdue.edu/Innovation/ students/coursework](https://engineering.purdue.edu/Innovation/ students/coursework)
- EEE will count this course as Technical Elective (TE) credit.
- Forward any questions directly to Dr. Joe Sinfield ([jvs@purdue.edu](mailto:jvs@purdue.edu)) or to the program ([innovation@purdue.edu](mailto:innovation@purdue.edu)).

**Academic Success Center (ASC)**

- The ASC offers a collection of services and programs designed to help Purdue students be successful in the classroom. Be proactive and review available resources now. Don’t wait till things get difficult to manage.
- See ASC's offerings at [http://www.purdue.edu/studentsuccess/academic/asc/index.html](http://www.purdue.edu/studentsuccess/academic/asc/index.html)
- BoilerGuide App - The BoilerGuide app provides information about academic programs, sessions, and resources around Purdue University’s campus. Through map and calendar features, students can pinpoint where the sessions are occurring and add them to their personal calendar. Students can download the app on the App Store or Google Play, or they can use the [web app online](http://www.purdue.edu/studentsuccess/academic/asc/index.html). Check it out!

**Safety: All Hazards Training**

- All-Hazards Awareness Training is offered to the Purdue community through in-person sessions and online through Blackboard Learn or WebCert websites. This training provides reminders on what constitutes an all-hazards emergency event and how faculty, staff and students in the classroom or elsewhere on campus should react in such a situation. Emergency preparedness officials explain how the campus community receives emergency notifications through the multi-layered Purdue Alert system, what “shelter in place” means and how to respond when they see the phrase in alerts sent out; evacuation procedures; what they can do to prepare; and available tools and resources.
  - **Blackboard Learn** - enter your Purdue career account, click “Browse Course Catalog.” In the “Search Catalog” section type in “All-Hazards Awareness Training” and “enroll” in the course.
  - **WebCert** - logon with your career account to review the All-Hazards Awareness Training Presentation then take the assessment as a quick review.
What can a student do in BoilerConnect?

Here are some of the screenshots a students can do in BC.

1. Check Messages from Advisor/Coach and Confirmation/Reminder Emails from BC
2. Registered Classes for this term
3. Notes shared by an Advisor/Coach
4. Calendar showing Classed and Appointments made through BC
5. Send a message to an Advisor/Coach/Faculty
6. Make an Appointment with Advisor/Coach/Other service locations

Student Home Page

1. Check Messages:

2. Class this Term:
3. Notes shared by an Advisor/Coach

Student Home

Notes About Student

4. Calendar
5. Message an Advisor/Coach/Faculty:

Choose Advisor or Faculty and click Send Message

6. Make Appointment:
1. Click on Make an Appointment.

2. Choose who you want to meet with.

3. Select Reason.

4. Choose Location and Advisor/Coach.
5. Select a Day and Time.

6. Add any comments if needed, Set your Reminders, Confirm your appointment.
9. Check Confirmation Emails in your Office 365 Inbox.

Related articles

- What can a student do in BoilerConnect?
- Avoid last minute Appointments
- Move Appointments - Front Desk
- How to Reset NoShows
EEE Computer Lab/Student Room (Potter 360) Agreement

The EEE Student Room in Potter 360 (hereafter referred to as 360) is a place set aside for EEE students and students in EEE courses to work, study, and access dedicated EEE computers.

Use of 360 is a privilege and students are expected to treat the room and other students in the room with respect.

Use
360 is restricted to EEE students and students in EEE courses. It is NOT a general-purpose room for Purdue students.

While it does not have the atmosphere of a library, students should be considerate of others attempting to work and keep noise to a minimum.

EEE students can invite other Purdue engineering students to work with them in 360 for the purpose of group work or projects. EEE students who host non-EEE students are responsible for their guests.

IMPORTANT:
360 is secured by a keypad whose code will change every semester and should NEVER be distributed to anyone except at the discretion of EEE faculty and staff. Students who give out the key code may have their 360 access privileges revoked.
DO NOT prop open the 360 door.

Books
The books are for student use, however, please do not remove from POTR 360.

Computers
The six computers are available for general use by EEE students. However, school work or EEE-related business takes priority and students using the computers for general purposes (web browsing, email) should log off if there is not another computer free. This is not a general use computer lab – we do monitor the computers and only EEE students and those in EEE classes should be using the computers.

Printing
The use of 360 printer is limited to school work and EEE-related business. It is currently a free resource offered by EEE. Please respect this free resource (and the environment) by printing only what is necessary. We will monitor print use; excessive use or use by students who are not EEE students or in EEE courses may result in page charges.

SEE EE Office Space
The desk and file cabinet labeled for SEEE is for SEEE officer use only. The microwave and refrigerator are for use by all EEE students, but provided and managed by SEEE.
Environmental and Ecological Engineering Research Opportunity  
Spring 2018

Help launch a new research project to explore the large-scale, long-term health of the planet and the link to human health. This project will be based on finding, collecting, cleaning, filtering and analyzing a comprehensive data set of environmental quality and public health indicators and will combine unique types of data.

In addition to having coursework related to environmental engineering (CE/EEE 350 or CE/EEE 355 as a minimum), the student must have basic data literacy (i.e., working knowledge of probability and statistics) and be comfortable with coding (preferably in R or Python). Minimum GPA is 3.0.

Earn independent study credit (EEE 498) during Spring 2018!

To apply for the opportunity, send a resume and short cover letter to Professor Inez Hua (hua@purdue.edu) or Professor Roshi Nateghi (rnateghi@purdue.edu).
Urban Ecosystem Services (EEE 59500 – 008)
CRN 11675 (3 credits, Spring 2018)

Days and times: Tuesday and Thursday, 4:30-5:45pm

Location: Wilmeth Active Learning Center 2121

Instructor: Dr. Michael L. Mashtare, Jr.

Brief description: This course will explore ecosystem services in the urban setting. Topics will include identifying key ecological services (and disservices), ecological footprints, valuation approaches, global forecasts, approaches in restoration ecology, the city biodiversity index, and the role of ecosystem service assessments in urban planning. An emphasis will be placed on the challenges and importance of these services as they relate to resilience, sustainable systems, stewardship, and urban ecosystem and human health.
Saturday, January 20th, 2018

MARKET YOURSELF

LOCATION & TIME:
ARMS ATRIUM
11 AM - 2:30 PM

Market Yourself is the perfect opportunity to network with P&G representatives over a union catered lunch! Attend professional development workshops to prepare for career fairs such as EXPO, and learn how to hone your interview skills through an interactive interview exercise relevant for both incoming and returning students.

SPONSORED BY: PROCTER & GAMBLE
HOSTED BY: PURDUE SWE

RSVP BY 1/16/2018

https://goo.gl/forms/1rcZf121fdwm6hhh1

QUESTIONS?
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