EEE Newsletter
August, 2017

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EEE Welcome Back Picnic - Save the Date!

- All EEE students, faculty and staff are invited to attend the EEE Welcome Back Picnic on September 7. More details to come. For now, SAVE THE DATE:
  - Thursday, September 7
  - Stadium Mall lawn (between FRNY & JNSN) (Rain location: FRNY lobby)
  - 5:30 - 7:30pm

EEE Main Office - Hours & Location

- The EEE main office is located in POTR 364. Office hours are:
  - M-F 7:30am-4:00pm
  - Tammi Thayer’s hours: M-F 9:00am-4:00pm

How to Schedule An Appointment with Tammi Thayer *

Purdue University has launched a new student services system called BoilerConnect (BC).

Advisors and service offices across campus will use this system to make appointments, among other features. Thus Tammi’s advising appointment calendar is now different. Eventually students will see a direct link to BoilerConnect in their myPurdue and on the Purdue home webpage but it is unclear when this will happen. For now you can access BoilerConnect (BC) at https://purdue.campus.eab.com.

Attached are 2 documents for students to learn navigation - one is a quick guide (no pictures) and one is a more detailed guide with pictures.

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 now 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
- Most offices who previously used the Krannert calendar system have migrated to the BoilerConnect system

POTR 122: EEE Computer Lab *

- The EEE student computer lab is in POTR 122. 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.
Fall 2017 pass code for entry pad on the door: See Tammi Thayer in EEE office for the code.

- 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.

Job Corner with Ms. Whelton, PE

This section is prepared for the newsletter by Ms. Margaret Whelton, PE. She is the EEE Manager of Industrial Experience. The responsibilities of this position include working with industry to secure internships, co-ops, and full time job opportunities for students; developing real world senior design and research projects; and facilitating partnerships between industry and Environmental and Ecological Engineering. She has twelve years of experience as a practicing environmental engineer prior to becoming part of EEE. She is a registered professional engineer in Indiana, Virginia, and Alabama.

There are several ways we will notify you about job opportunities or networking opportunities.

- Any opportunity for EEEs that we know of will be posted on our website in the CurrentStudents section. In the right side bar there is the EEE Full Time Jobs for permanent positions and EEE Internships for internship positions. These links are updated as we learn of positions, so please check them regularly.
- Another way we let EEEs know about opportunities is on social media. Like “Purdue University EEE” on Facebook if you haven’t already.
- Some companies contact the CCO (Center for Career Opportunities) directly about job opportunities. You should create your myCCO account and upload your resume. We will not post opportunities that are given on the CCO site since they are already available to you. There are many opportunities for EEEs through the CCO and we encourage companies to post jobs for EEEs wherever they are most comfortable. More information on and how to sign up for myCCO is here: https://www.cco.purdue.edu/mycco.aspx
- Throughout the school year there may be emails sent out in regard to networking opportunities or jobs. If you receive an email from Ms. Whelton it will be in regard to job opportunities or other opportunities for you to connect (and potentially land a job) with companies. Please pay attention to these emails. Networking opportunities may also come from other EEE faculty and staff.

- Career fair season is starting soon and Industrial Roundtable is right around the corner. To prepare for this and other job-oriented events, EEE is sponsoring a seminar where you will learn (and can have your questions answered) about resumes, interviews, networking, and more. The “Job Tune-Up” seminar will be Thursday September 7th at 2:30pm.
- Speaking of your resume, this is a great time to update it with your summer experiences, current GPA, and current coursework. It is good to get in the habit of updating your resume at the beginning of every semester before you get inundated with schoolwork.

Upcoming Events: SAVE the Date

- Job Tune-Up Seminar
  Sept 7th 2:30pm; location TBD

MyPurduePlan: Update Your ‘Plans’ tab

Upon entry to EEE all students receive a personalized plan of study from Tammi. It is your responsibility to keep the Plans tab of MPP up to date on a semesterly basis - no exceptions. Confirm that the courses you registered for fall match the courses listed on your MPP Plans tab. If the courses do not match or were adjusted due to grades, update your plans tab to match your registered courses. Also, you may have multiple plans; old ones can be deleted so you don’t become confused which to follow. Each semester it is your responsibility to update your plan 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.

You need to maintain accurate records that you can share with your advisor (Tammi) and your EEE Faculty Mentor (new students assigned in EEE 290).

Review your POS, run an audit, etc. If you feel that there is an error, make an appointment with Tammi in September to review.
It is imperative that you get to know and understand the requirements you must achieve to obtain your BSEEE degree!!! MyPurduePlan is one resource to assist you in meeting this goal. Here are links to MPP tutorials and online EEE resources to help you get to that point.

Finding myPurduePlan - Login to myPurdue > Destination: Graduation > myPurduePlan
- Worksheets tab - Review your Worksheet tab in myPurduePlan. It should be completely accurate for most students. 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
- Plans tab - Upon entry to EEE all students receive a personalized plan of study from Tammi. It is your responsibility to input your personalized POS into the Plans tab! (Electives can be left unlabeled and decided later.) Each semester it is your responsibility to update your plan 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
- Find all tutorials on MPP features at https://www.purdue.edu/registrar/currentStudents/myPurdue/index.html

Finding EEE Curriculum resources - Go to www.purdue.edu/EEE > CurrentStudents > Academic Resources
- > Plans of Study - follow the appropriate path per entry date to Purdue to view the standard 4 year plan of study and other policies.
- > 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 and resources from across campus.

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.
- View Key Emergency Preparedness Resources at Emergency Preparedness website.
- Recent enhancements to campus emergency notification are listed at www.Purdue.edu/EHPS.

Academic Success Center (ASC) & Supplemental Instruction (SI) *

The Academic Success Center, which now formally includes Supplemental Instruction, is excited to share our services and updates for the Fall 2017 semester. 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

- NEW LOCATION: WILEY HALL | Visit the Academic Success Center in Wiley Hall C215. The new location allows the ASC to become a true center for students to study and get support.
- EXPANDED HOURS | The ASC’s academic year hours will be 8AM-8PM Monday-Thursday, and 8AM-5PM Fridays.
- BoilerGuide APP | The BoilerGuide app provides info 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. Check it out!
- PEER SUCCESS COACHING PROGRAM | The Peer Success Coaching program offers students additional support and accountability as they work toward academic, social, and/or personal goals during the semester. Trained peer leaders work 1-on-1 with students to develop strategies, skills, and solutions as they aim for their definition of success. Students can apply for a PSC online at www.purdue.edu/psc. Contact the ASC for more information. Flyer attached.
• **SUPPLEMENTAL INSTRUCTION PROGRAM** | The Supplemental Instruction (SI) Program provides students with interactive, peer-led study sessions for challenging Purdue courses. You can view the SI session [schedule online](#) or through the [BoilerGuide app](#). All SI Leaders’ office hours held in WILY C215.

• **TUTORING** | The ASC helps connect students with academic support resources through [www.purdue.edu/tutoring](#).

• **WORKSHOPS** | The ASC offers free workshops available to all students. We continue to offer our traditional topics (time management, overcoming procrastination, and effective study strategies) this semester, but will also offer several new workshops. See the attached flyer. Interested in setting up a workshop for a class or student group? Contact [Josh Lee](#) for more information.

• **CONSULTATIONS** | Students can get tailored support on study strategies, time management, test-taking strategies, and other academic success topics in a 1-on-1 meeting with an academic consultant. Students can [sign up for a consultation through BoilerConnect](#) or by visiting the ASC.

• **QUESTIONS?** | Email [academicsuccess@purdue.edu](mailto:academicsuccess@purdue.edu), call **765-494-4700**, or visit Wiley C215.

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### How to Make the Most of College: Gallup-Purdue Index

• Purdue has so much to offer! Wondering how to prioritize what will make the most impact on your future? The Gallup-Purdue Index (GPI) was formed from a recent survey of more than 30,000 U.S. college graduates.

• Refer to the [Student Guide to Creating a Successful College Experience](#): This guide was designed to help college students get the most out of the college experience based on the GPI results.

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### Fall Courses: Still looking for a good course? *

• **ABE 59100 (CRN 19706):** Prof. Sara McMillan (ABE) is teaching a 500-level ecological restoration class this fall. See attached flyer. EEE students can use this course as EEE Selective or Technical Elective (TE) credit.

• **MGMT 39000 (CRN 64294):** This fall, Krannert is introducing a new undergraduate course, MGMT 390, Navigating Gender in the Workplace. In this two-hour course, students will network with early career professionals as well as senior leaders, who will share their strategies for overcoming real-life challenges. Students will participate in mentoring groups led by trained coaches, and practice skills in such areas as negotiating and setting boundaries. EEE students can count this class as Technical Elective (TE) credit or Free credit.

• **MGMT 40100:** The Krannert Executive Forum is a management class (MGMT 40100 - CRN 23823) offered Fall 2017 that features top-level corporate executives and other leaders sharing their experiences and advice with students. Speakers for fall 2017 include the Lieutenant Governor of the State of Indiana, Suzanne Crouch, and CBSSports.com Writer, Jerry Palm. Here is a link to short video about the Krannert Executive Forum: [https://www.youtube.com/watch?v=JvRVVydFFuU&feature=youtu.be](https://www.youtube.com/watch?v=JvRVVydFFuU&feature=youtu.be). EEE students can count this class as Technical Elective (TE) credit or Free credit.

• **IT 58100 (CRN 19990)/CNIT 58100 (CRN 19642):** These cross-listed courses will cover Power and Energy, Onshore and Afloat. This interdisciplinary course is aimed at upper-class undergraduate and graduate students interested in developing an understanding of power and energy technologies and systems, energy security, high energy and pulsed power. This course will explore topics important to the National Defense including batteries, liquid transportation fuels, hydrogen, thermal management, power electronics, flexible electronics, cyber security of control and sensing systems from the perspective of the Navy in its onshore bases and afloat. See attached flyer.
Quick Reference Guide for Students

Requesting an Appointment with an Academic Advisor

- Login to BoilerConnect https://purdue.campus.eab.com using your Purdue username and password
- On the far right side of your Student Home screen, click on the blue “Get Advising” button.
- On the Schedule Advising Appointment screen, select why you would like to meet with an advisor. From the drop down menu, select a reason type.
- In the next drop down box, provide additional detail on the reason for your request.
- Click on Next
- On the Schedule Advising Appointment screen, select why you would like to meet with an advisor. From the drop down menu, select a reason type.
- Select your advisor from the drop down box.
- Select the Appointment Time. If none of the available times for the week being displayed will work with your schedule, click on the arrow in the blue icon to move to the next week’s list of available times.
- To schedule the time, click on any of the buttons directly under the date column for the date you would like to schedule the appointment for. A drop down box will appear that will give you the list of available times.
- Highlight the time you would like to schedule for the appointment, then click Next.
- If you can’t find a time that works, your advisor might have a Walk-in time available, so click on the View Walk-in Times button in the yellow section of the screen. If it does not appear, then your advisor does not have Walk-in times set in BoilerConnect. Please refer instead to the College of Science Walk-in website: https://www.science.purdue.edu/Current_Students/advising/advisor-walk-in-schedule.html.

- On the Schedule Advising Appointment screen, review the Appointment Details. If there is anything else you would like to include in order to help your advisor prepare for your appointment, enter it in the Additional Details box.
- Click on Confirm Appointment. BoilerConnect will send you a confirmation email or text confirming your appointment. It will also send you an email reminder the morning of the appointment or a text message reminder one hour prior to the appointment.
- Your appointment will now appear on your Student Home page under the Upcoming Appointments section on the right side of the screen.

Related articles

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What can a student do in BoilerConnect?

Here are some of the screenshots a student 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 Classes 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 Student Room (Potter 122) Agreement

The EEE Student Room in Potter 122 (hereafter referred to as 122) is a place set aside for EEE students and students in EEE courses to work, study, and access dedicated EEE computers.

**Use of 122** is a privilege and students are expected to treat the room and other students in the room with respect.

**Use**

122 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 122 for the purpose of group work or projects. EEE students who host non-EEE students are responsible for their guests.

**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. Do not alter the configuration of the computers in any way. If additional software packages are needed, please contact Dr. Robinson (nlrobs@purdue.edu).

**Printing**

The use of 122 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.

**SEEE Office Space**

The desk, file cabinet, and refrigerator are for SEEE officer use only.

**IMPORTANT:**

122 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 122 access privileges revoked.
Get a

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SIGN-UP TO BE COACHED TODAY!
Supplemental Instruction (SI) Linked Courses for Fall 2017

Math

MA 15300
Algebra and Trig I

MA 15800
Pre-calculus

MA 16010
Applied Calculus I

MA 16020
Applied Calculus II

MA 16100
Plane Analytic Geometry & Calculus

MA 16200
Plane Analytic Geometry & Calculus

MA 26100
Multivariate Calculus

CHM

CHM 11100
General Chemistry

CHM 11500
General Chemistry I

CHM 11600
General Chemistry II

CHM 25700
Organic Chemistry

CHM 12901
General Chemistry with BIOL Focus

PHYS, ME, ENGR

PHYS 17200
Mechanics

PHYS 22000
General Physics

PHYS 24100
Electricity Optics

Mechanical Engineering

ME 20000
Thermodynamics

ECE 20100
Linear Circuit Analysis

CS, AGEC

CS 15800
Computer Programming

CS 15900
Programming Application for Engineers

CS 18000
Problem Solving and O-O Programming

CS 24000
Programming in C

AGEC

AGEC 21700
Economics

PHYS, ME, ENGR

BIOL, ECON/MGMT

BIOL

BIOL 11000
Fundamentals of Biology I

BIOL 20300
Anatomy and Phys

BIOL 30100
Human Design: Anatomy & Phys I

ECON, MGMT

ECON 25100
Microeconomics

MGMT 20000
Introductory Accounting

MGMT 20100
Management Accounting I

Free Weekly Study Sessions!

www.purdue.edu/si

www.purdue.edu/boilerguide
ASC WORKSHOP SERIES

Time Management 101
- Monday, August 28th
  6-7pm
  Academic Success Center
  Wiley Residence Hall - C215
- Thursday, August 31st
  5-6pm
  Wilmeth Active Learning Center Room 3084

Smart Studying: Unlocking Content Mastery
- Monday, September 25th
  6-7pm
  Academic Success Center
  Wiley Residence Hall - C215
- Thursday, September 28th
  5-6pm
  Wilmeth Active Learning Center Room 3084

Procrastination: Keeping Yourself Motivated
- Monday, September 18th
  6-7pm
  Academic Success Center
  Wiley Residence Hall - C215
- Thursday, September 21st
  5-6pm
  Wilmeth Active Learning Center Room 3084
In this course, students will learn and apply governing principles of ecological engineering, including biological, chemical, and physical conditions that guide restoration design. We will use a systems approach to characterize and quantify water and elemental cycling, energy flow through systems, ecological disturbance and ecosystem response. Applications will focus on stream restoration, wetland & floodplain restoration, and stormwater control measures.

Prerequisite knowledge of water resources and biological systems is encouraged. Students from both engineering and science backgrounds are welcome.

Contact
Dr. Sara McMillan
mcmill@purdue.edu
This course covers efficient power/energy systems, energy security, high energy and pulsed power in the mission-critical context of the US Navy’s present and future challenges.

Course Number:
1. Power and Energy, Onshore and Afloat, IT 58100 (CRN: 19980)

Course Title:
Power and Energy, Onshore and Afloat

Where:
Fall 2017; 3 credit hours; Starting Monday August 21 (3:30-6:20 pm)

MSEE B010

More Information:

Description: This interdisciplinary course is aimed at upper-class undergraduate and graduate students interested in developing an understanding of power and energy technologies and systems, energy security, high energy and pulsed power. US Navy leadership has recognized Power and Energy as a strategic imperative for the success of their operations and the Nation’s future technological superiority. This course will explore topics important to the National Defense including batteries, liquid transportation fuels, hydrogen, thermal management, power electronics, flexible electronics, cyber security of control and sensing systems from the perspective of the Navy in its onshore bases and afloat. The course comprises both academic and military practitioner lectures, Navy and Defense relevant design projects, and includes a professional orientation or research and operational support performed at the Naval Surface Warfare Center, Crane (Indiana).

Contact:
- Prof. Maureen McCann, Professor of Biological Sciences, Director of DOE/EFRC Center for Direct Catalytic Conversion of Biomass to Biofuel, Director of the Energy Center, Discovery Park at mmccann@purdue.edu.
- Prof. Eric Dietz, Professor of Computer and Information Technology; Director of Purdue Homeland Security at jedietz@purdue.edu.
- Dr. Pankaj Sharma, Professor of Engineering Technology (courtesy), Managing Director, Energy Center, Discovery Park at sharma@purdue.edu.
- Dr. Thomas Adams, Alternative Energy and Power Engineering, Naval Surface Warfare Center, Crane, Indiana (thomas.e.adams@navy.mil) Purdue Visiting Scholar (adams30@purdue.edu).

The development of this course is funded by the Office of Naval Research N00014-15-1-2420 to inspire leadership in Science and Technology for the workforce of the future fleet.