Protect Purdue

Welcome Back to Purdue! Though this semester is a little different than previous ones, the goal is still the same; Provide a safe environment for students while also giving them a quality education. Through the Protect Purdue initiative, Purdue has laid out a plan to do just that. All of the information and resources you may need can be found at https://protect.purdue.edu/. As part of the initiative Purdue is providing Wellness Kits to all Faculty, Students, and Staff. The kit includes useful gear like antibacterial gel and wipes, acetaminophen, a thermometer, and a face shield as well as two Purdue branded face masks. Information on where to pick up your kit can be found here.

Student COVID-19 testing

As part of the Protect Purdue initiative, students have been required to submit a negative COVID-19 test result to Purdue. So far as of August 16th of the 25,638 results received 190 have come back positive which shows that there has been a 0.74% positivity rate. The whole article outlining the results can be found at the following link. Recent outcomes - https://protect.purdue.edu/updates/update-student-covid-19-testing-results-show-99-26-negative-rate/. Information about the test kits and the steps students need to take in order to be approved to return to campus can be found at the following link. Pre-arrival steps - https://protect.purdue.edu/students/student-testing-details/.

EEE Virtual Welcome Event - Save the Date!

All EEE students, faculty and staff are invited to virtually attend the EEE Welcome on August 27, held on Zoom.
Thursday, August 27; 5:30 - 6:30pm
Join Zoom Meeting - https://zoom.us/j/92801660349?pwd=UEJycTcZk0RlYzek1MbdzWXdnZz09

Purdue Calendars

2020-2021 Academic Calendar
Various drop/add calendar with deadlines, and future academic calendars can be found at https://www.purdue.edu/registrar/calendars/index.html

PESC COVID-19 Scholarship

Purdue Engineering Student Council is awarding scholarships to students enrolled in the College of Engineering for Fall 2020. With many internships being canceled and the job market shifting, they understand that many students have felt economic
consequences from COVID-19 that could affect their ability to pay for their education in some form or another. To help students who have been financially impacted by COVID-19, PESC has created the COVID-19 Scholarship Fund. The application can be found here. This scholarship aims to award $1,500 to each recipient. The application is due Friday, August 21 at 11:59 pm EST. Any questions regarding this scholarship or the application can be directed to pesc@ecn.purdue.edu.

EEE Computer Lab in POTR 360: Closed for Fall 2020

- POTR 360 will be closed during the Fall 2020 semester, BUT the computers can be accessed remotely.
- Here’s the link where you can gain access and learn how to connect: https://slic.ecn.purdue.edu/public/remoteavailability. To gain access you must Login with your career account and password.
- You will then download “ECN remote Availability Protocol Handler”, you will get an installation warning, that’s okay. You will also have to login using your boilerad credentials when you get to the login screen for the remote computer. Your username will be boilerad\username.
- You will see a screen like the picture below. You may only select an available PC (shown in green). Don’t login to X-GABI01. This computer has the GaBi software on it and is used by graduate students.
- When you are done you will see an orange arrow labelled Logout. Double click on this to logout of the computer.
- For additional help email eee@purdue.edu (or ECN) to get further assistance.

EEE Office - Fall 2020 Operations plan*

The EEE Office in POTR 364 will be closed during the Fall 2020 semester except by appointment. NO physical impromptu “walk-ins” allowed! Tammi Thayer, Associate Director of Advising, will have a limited number of face-to-face (F2F) appointments for current Purdue students. Tammi will be working a rotational schedule of remote and in-office. She will be in the office most Tuesdays and Wednesdays, but by advance appointment only. Virtual appointments are encouraged.

- The F2F Student Procedure will be as follows: All face-to-face appointments will be made in advance via BoilerConnect, and will be held in the EEE conference room, POTR 364C. The student will enter and exit POTR 364C via the hallway door. Face masks are required in this space. Students are encouraged to bring their own laptop for reference during the appointment.
- Virtual Appointments for Current Students will work as follows: Students will make virtual appointments via BoilerConnect. In the Comments/Notes section, state if you prefer phone appointment or Zoom appointment. Students should submit any required forms to thayert@purdue.edu in advance to the scheduled time. All appointments will occur in ET.
- Current EEE Students will also have the option to attend: Virtual “drop-in” hours offered instead of “walk-ins”. Tammi will be offering regularly scheduled virtual “drop-in” hours for current EEE students via Zoom for quick questions or emergency discussions. To start the semester, the virtual “drop-in” hours are:
  - Monday 3-4pm, Tuesday 10-11am, Wednesday & Thursday 3-3:30pm, Friday 11-12pm
  - As best possible, changes to these hours will be announced via the EEE Newsletter.
- For more information on how to set up an appointment see the instructions below.

How to Schedule an Appointment with EEE (Tammi Thayer)*

EEE and other Engineering students can access the Environmental and Ecological Engineering appointment calendar via BoilerConnect. EEE now has 2 appointment platforms in BoilerConnect to schedule In Person or Virtual appointments. Attached are instructions with screen shots for how to navigate.

- There are standard training resources available to students in BoilerConnect on the login page. Advisors and service offices across campus use BoilerConnect for making appointments, so these instructions are generalized. Click ‘Training & Resources’ box.

Items available:
- How to reschedule an appointment
- How to cancel an appointment
- Responding to your Advisors Appointment Request
- Quick reference for students
- Using the Kiosk
Purdue Libraries Fall 2020 Plans

Purdue Libraries and School of Information Studies has released reopening plans for the Fall 2020 semester. In accordance with campus safety guidelines and the recommendations of Protect Purdue, Libraries will prioritize the study and resource needs of students and faculty with a commitment to de-densification, social distancing, and cleanliness. All physical library locations will open on August 17, 2020 with a reduced study and computer station capacity of approximately 50 percent. Most one-person study rooms will be open during business hours and equipped with self-service cleaning stations. Masks are required to be worn in all libraries at all times and food is prohibited while the campus mask order is in place. See FAQ page at https://webapps.lib.purdue.edu/covid-19/faqs

Print collections will be available for circulation with a quarantine period of 72 hours in accordance with the latest guidance from the Reopening Archives, Libraries and Museums (REALM) project. To prevent overhandling of the most-used items, Libraries will introduce electronic-only course reserves for the fall semester.

Other new practices include relocating some print collections to create additional study space to meet student demand, enforcing mask compliance, directing the flow of foot traffic, and adjusting evening business hours to allow time for rigorous nightly cleaning.

All Libraries faculty, staff and student workers will be provided with PPE equipment and direct contact with library users will be reduced. Some units will be accessible in-person by appointment only, including Purdue University Archives and Special Collections.

Standing Beside our Boilermakers*

Feeling lost and bombarded with school and everchanging information? Attached to the end of the newsletter you can find Standing Beside our Boilermakers. This document highlights wellbeing resources for students. Each circle has the title of the resource highlighted and a link to the corresponding web page. The document is an easy way for students to find the help they need.

Registration Troubleshooting

- **Waitlists:** There will be no waitlists available in myPurdue for Fall 2020.
- Having trouble registering? Need an override for a class? There are many resources on the [EEE Registration Tools page](https://www.purdue.edu/registrar/currentStudents/index.html), such as instruction links for Scheduling Assistant:
  - [Scheduling Assistant - How to Submit Registration Error Override Request](https://www.purdue.edu/registrar/currentStudents/index.html)
  - [Scheduling Assistant - How to Register using Scheduling Assistant](https://www.purdue.edu/registrar/currentStudents/index.html)
  - [Scheduling Assistant - How to Register a specific CRN](https://www.purdue.edu/registrar/currentStudents/index.html)
  - [Scheduling Assistant - How to ADD a course after Week 1](https://www.purdue.edu/registrar/currentStudents/index.html); instructor/advisor permission required
  - [Scheduling Assistant - How to DROP a course after Week 2](https://www.purdue.edu/registrar/currentStudents/index.html); various permissions required
- The Registrar page also has links for most common registration issues at https://www.purdue.edu/registrar/currentStudents/index.html

Form 23: Paper Add-Drop form replaced by Electronic Process

The University is moving to paperless add/drop procedures when students alter their schedule and approval signatures are required; typically beginning in week 2 (adds) and 3 (drops) of a semester. (It is always wise to consult with your academic advisor prior to making the decision on whether to add or drop a course.) Instructions can be found at:

- [Scheduling Assistant - How to ADD a course after Week 1](https://www.purdue.edu/registrar/currentStudents/index.html); instructor/advisor permission required
- [Scheduling Assistant - How to DROP a course after Week 2](https://www.purdue.edu/registrar/currentStudents/index.html); various permissions required

Vertically Integrated Projects (VIP)

This semester Dr. Ting Liu is running a VIP titled Smart Water Use for Smart Cities. Water is centrally important to sustainability: it supports human societal needs and the natural environment, and powers the growth of economic sectors, geographic regions, and cities. Data science should be harnessed to better understand how much and where water is consumed. The team’s main activities will be developing methods to quantify and model industrial water consumption at fine spatial and industry-sector resolution, visualize the results with geographic information systems, and interpret the impacts of water consumption on the urban environment. The course is open to all classes and will be meeting Mondays from 2:00-2:50. More information can be found [here](https://www.purdue.edu/registrar/currentStudents/index.html).
EEE 595: Managing Complex Environmental Issues*

New this fall Professor Whelton is teaching a new course this fall, EEE 595: Managing Complex Environmental Issues. Civilization has been defined by technological advancement, but also waste and disasters. In this class, students will be introduced to recent globally important environmental and public health issues and disasters, the U.S. regulation of wastes; engineering design, planning and analysis of management facilities, and the complexity of responding to and recovering communities from disasters. More information is in the flyer attached at the end of the Newsletter. EEE will count the course as an EEE Selective. Any questions can be sent to awhelton@purdue.edu.

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.
- The CCO encourages students to complete the CCO internship survey for their summer internships. The link is here: https://www.cco.purdue.edu/Students/Post-GradDataAndSurveys#InternshipSurvey. The data CCO aggregates from these surveys helps students and departments to see what internship opportunities and salary ranges exist, and allows students to rate the experience. It also helps employers stay competitive by providing them with data on where students go for internships and what types of salary ranges to expect.

Job Tune Up Seminar by Ms. Whelton

- Thursday, September 10 at 3:00pm. Details of format TBD.
- Led by Ms. Meg Whelton. As an environmental engineer who has worked in your field, she will give overall tips and advice in addition to answering your questions! This is a great preparation tool prior to Industrial Roundtable.

Foreign Language Placement Testing

The Language department is pleased to announce that they have been able to roll out a fully-online SLC Language Placement Test. For details you can visit their page here. Once at the page, students will be able to download a manual with step-by-step instructions. The test is up and running continuously. It may take a few business days for tests to be reviewed and placement results to be validated. Once validated, scores will be uploaded to Banner and SharePoint, as before. The official name of the test has been changed from “Foreign Language Placement Test (FLPT)” to “SLC Language Placement Test (SCLPT)”. Questions about placement test related issues can be sent to: slcplace@purdue.edu.

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 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.

PLaCE Short Courses

PLaCE short courses are short courses geared towards international students and focused on improving communication and English language skills. Registration for Fall 2020, Session 1 of PLaCE short courses will open in late-August. Registration found at https://www.purdue.edu/place/courses/shortCourses.html. More information link: www.purdue.edu/place or contact place@purdue.edu with any questions.
EEE Faculty Research

Interested in pursuing research with EEE faculty? Students are welcome to reach out to individual faculty that they feel best matches with their interests. To review faculty research, go to https://engineering.purdue.edu/EEE/Research. On this page you will notice 2 blocks labeled ‘Classic Environmental Engineering’ and ‘Industrial Sustainability.’ Click on these to see further explanation of subareas. It may be best to first decide if your interests fall within ‘Classic’ or ‘Industrial’, then reach out accordingly. Names of the faculty who work in these areas are listed, and you can learn more about each of their specific areas of research, publications and contact info by clicking on each name.

- If you are approved to work with someone, there are specific steps to take to enroll a course if you wish to establish course credit, or you can work for hire. The EEE independent research/project course number is EEE 49800.

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 your POS up to date - 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, update your plan to match your registered courses. Links to MPP tutorials -

- Worksheets tab - Review your Worksheet tab. Course placement should be accurate. Make note of anything that seems incorrect to discuss with me. Unsure of how to read the Worksheets tab? Go to https://mediaspace.itap.purdue.edu/media/myPurduePlan+Worksheet/1_gytsywcz
- Plans tab - To update your POS due to new course choices, repeat of courses, etc. 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

It is imperative that you understand the requirements to obtain your BSEEE degree!!! Go to EEE resources at www.purdue.edu/EEE > For You > Current Undergraduate Students > Academic Resources

- Plans of Study - follow the appropriate path per entry date to Purdue to view the standard 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. Universally Approved: courses that are fundamental to environmental engineering. These courses should be given priority as you consider your future EEE Selective package.
- EEE Registration Tools - contains links to many registration tools and resources from across campus to assist you during registration and add/drop season.

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

The Academic Success Center is committed to ensuring the health and safety of Purdue students. We are excited to support students both virtually and in-person this semester, with the ASC space remaining open for students to use during our normal hours, M-TR 8am-8pm, and Fridays, 8am-5pm. LOCATION: WILEY HALL C215.

When you enter the ASC, you can expect the tables to be sanitized throughout the day, as well as mapped out social distancing measures. 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 https://www.purdue.edu/asc/.

**Academic Consultations:** Academic Consultations will be available virtually for the summer, and both in-person and virtually for the fall. Students will have the option in the fall to select which choice they prefer when they sign up through BoilerConnect. Students who choose to meet for their consultation in-person will be required to follow the Protect Purdue guidelines including wearing a mask and maintaining social distance.

**Peer Coaching Sessions:** The Peer Success Coaching program will offer both online and in-person options for students throughout the Fall 2020 semester. Students will work with their assigned PSC to determine if coaching sessions will take place virtually or in-person. Virtual coaching sessions will take place via WebEx and will be set up by the PSC. Students who choose to meet with their PSC in-person will be required to follow the Protect Purdue guidelines including wearing a mask and maintaining social distance.

**Supplemental Instruction:** Supplemental Instruction sessions and office hours will be held fully online via WebEx for the Fall 2020 semester. Please visit our schedule page or Brightspace for more information about the schedule and how to connect with online SI for your course.

**Workshops:** Workshops will be held online via WebEx for the Fall 2020 semester. The workshops will continue to be interactive using resources such as polling tools, digital handouts and the WebEx chat feature. To request a workshop, please click here. Don't forget to check out our pre-recorded webinars with subtitles, which you can find here.

**QUESTIONS?** For more specific information about each service, be sure to check out their homepages, or Email academicsuccess@purdue.edu, call 765-494-4700, or visit Wiley C215.

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**Safety- All Hazards Training**

- All-Hazards Awareness Training is offered to the Purdue community through in-person sessions and online. 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.

- View Key Emergency Preparedness Resources at Emergency Preparedness website.

- Recent enhancements to campus emergency notification are listed at www.Purdue.edu/EHPS.
EEE OFFICE

FALL 2020 – OPERATIONS*

The EEE Office in POTR 364 will be closed during the Fall 2020 semester except by appointment. NO physical impromptu “walk-ins” allowed!

Tammi Thayer, Associate Director of Advising, will have a limited number of face-to-face (F2F) appointments for current Purdue students. She will be working a rotational schedule of remote and in-office. She will be in the office most Tuesdays and Wednesdays, but by advance appointment only. Virtual appointments are encouraged.

Appointments for Current Students:
EEE and other Engineering students can access the Environmental and Ecological Engineering appointment calendar via BoilerConnect. Students outside of Engineering should email availability to thayert@purdue.edu to seek an appointment.

F2F Student Procedures:
All face-to-face appointments will be made in advance via BoilerConnect, and will be held in the EEE conference room, POTR 364C. The student will enter and exit POTR 364C via the hallway door. The advisor will enter and exit the room via the office suite hallway. Face masks are required in this space. Students are encouraged to bring their own laptop to reference during the appointment.

Virtual Appointments for Current Students:
Students are encouraged to make virtual appointments if at all possible. Again, these will be made via BoilerConnect. In the Comments/Notes section, detail whether you prefer phone appointment instead of Zoom appointment. Students should submit any required forms to thayert@purdue.edu in advance to the scheduled time. All appointments will occur in ET.

Current EEE Students: Virtual “drop-in” hours offered instead of “walk-ins”:
NO physical “walk-ins” allowed! Instead, Tammi will be offering regularly scheduled virtual “drop-in” hours for current EEE students via Zoom for quick questions or emergency discussions. The hours will be announced via the EEE Newsletter.

Prospective Students and Families:
All prospective meetings will be virtual for the Fall 2020 term. Prospective students wishing to connect with EEE should email thayert@purdue.edu or call 765-496-7238 to arrange a virtual meeting. Prior to your appointment we encourage you to visit https://engineering.purdue.edu/EEE/InfoFor/FutureStudents.

*Procedures may change at any time. Changes will be communicated to students via email or the EEE Newsletter.
Update to BoilerConnect Appointments for Hybrid Scheduling
(navigating In Person, and Virtual calendars)

Does this change what students will see when they schedule appointments?
Students will have the same scheduling flow as before, where they start by saying what general category of appointment they want (Academic Advising, Career Services, etc.) and then the individual department followed by the standard list of services.

After the student chooses a service, where they would normally see only one location, they will now see two (one in-person and one virtual).

The Special Instructions for Student that you include in your availability will tell students where to go on campus for an in-person appointment, or how to get access to the virtual appointment.
we offer a continuous network of support

We are committed to helping our students reach their fullest potential both in and out of the classroom.

Click to learn more about each resource listed in the circles above.

For more information about the Protect Purdue Plan please visit protect.purdue.edu
Civilization has been defined by technological advancement, but also waste and disasters. Students will be introduced to recent globally important environmental and public health issues and disasters, the U.S. regulation of wastes; engineering design, planning and analysis of management facilities, and the complexity of responding to and recovering communities from disasters.

The course learning objectives are to:

1. Solve basic problems related to pollutant generation, risk assessment, waste collection and composition, recycling, and thermal conversion processes.

2. Apply knowledge of topics from chemistry such as stoichiometry, kinetics, and equilibrium to gas generation, waste composition, and thermal conversion processes.

3. Understand the role of an engineer involving regulations, ethics, professionalism, engineering practice and registration.

4. Demonstrate an ability to communicate effectively.

5. Solve environmental and public health problems associated with man-made and natural-disasters.