COVID-19 Info & Campus Resources

All West Lafayette campus events canceled through June 30. Purdue University has announced that all in-person events at the West Lafayette campus will be canceled for the months of May and June. For purposes of this guidance, an “event” includes but is not limited to camps, conferences, public events and meetings, nonessential business and social gatherings, and sporting events. A decision on July events will be made by May 15. For the most up-to-date information on events at Purdue, visit this page: https://coronavirus.purdue.edu/visitors/. As announced on April 6, classes that were scheduled to begin in May or June will be conducted remotely.

Here are the locations where you can stay up to date on things that you need to know:

- A message from President Daniels regarding fall semester
- University updates will be posted to the COVID-19 website: https://Purdue.university/covid-19
- If any student is having trouble logging into Blackboard due to internet connection, they can call the Purdue COVID-19 Information center at 1-833-571-1043 and press 7 for assistance. The Learning remotely site here also has good information to aid students as well.
- The academic assistance programs that students depend on while on campus will continue to be available remotely.
- Counseling and Psychological Services (CAPS). CAPS remains available to provide students mental health assistance and can be reached at 765-494-6995.
- WellTrack. WellTrack continues to provide online interactive self-help therapy.
- Office of the Dean of Students. ODOS can help students navigate challenges they are experiencing both personally and academically.

Spring 2020: Considering P/NP option, or Dropping a Course?

For most, this is not a decision to make quickly if a student thinks that they could end with a letter grade of A or B. In my advising opinion (Tammi), students should delay all decisions to as close to May 1 as possible. Do your best first; then convert to P/NP if you are dissatisfied with your expected letter grade as the end of term nears. A FAQ document has been created and placed on the Registrar website. Currently it is a clickable PDF link directly under the RED text on that page; it may move or be renamed so hopefully you can find it. They are going to update the doc with instructions, but here they are if needed.

- How do students request to take their course(s) Pass/Not-Pass?
  - A student will request this change in Scheduling Assistant. There is no approval by instructor or advisor needed. (How to URL)
- How to drop a course? Does a student need any approvals to drop a current course for Spring 2020?
  - Any course drop request made through the last Friday of classes (May 1, 2020 at 5:00pm) will need approval from the student’s academic advisor. (How to URL)
Job Corner with Ms. Whelton, PE

There are now virtual career fairs to look for job opportunities such as the Engineering and Science virtual career fair on April 28th. Take advantage of virtual fairs. If you do have an opportunity, it is a good idea to check with your employer on your job status due to COVID-19. Some companies are changing their plans, but there are still opportunities.

If you don’t have a summer job opportunity there is still plenty of time! I send out emails with opportunities that have a short turnaround time. I also post job opportunities (full and internship/coop) on the EEE site. There was also supposed to be a Social Impact Career Fair on campus. The positions from this fair are now posted on the CCO site. Check the CCO out for these positions in addition to others. I will continue to email and update opportunities after the semester ends.

This is most likely the last newsletter of the semester so I want to congratulate all of you, in particular our graduating seniors during such an unusual time. Congratulations to those of you who have opportunities lined up following graduation or for the summer. I know there are some of you who are still looking for opportunities. You may be tired of applying and not hearing back from companies or sad about the position you didn’t get after a great interview. Don’t give up-believe in yourself! If a company isn’t interested in you then it is best you didn’t get the position.

Some things to keep in mind while looking for opportunities that I found on LinkedIn from motivational speaker Brigette Hyacinth:

1. You can be the best candidate and still not get selected.
2. If you didn’t get the job, it was never meant for you.
3. You weren’t rejected, you were redirected.
4. Your value does not decrease based upon someone's inability to see your worth.
5. Believe in yourself and keep trying, the right door will open for you.

“Not getting something you’ve always wanted is a chance to try out something new”. Tim Herrera recently wrote a great article for the NY Times on thinking differently about rejection (https://www.nytimes.com/2019/03/17/smarter-living/seeing-the-bright-side-of-missed-opportunities.html).

So don’t give up! There are still plenty of opportunities out there. Keep applying online, checking and applying to opportunities via the CCO, LinkedIn, check the EEE job site, and my emails. I’m here all summer if you need to talk about your resume, opportunities, etc. We can talk via email, over the phone, through Skype/WebEx or you could come to the office. Come up with backup plans-remember any experience is good experience in regard to internships on your resume. Have a great summer.

Summer 2020 Update

As stated by Provost Akridge, Purdue’s plan for summer is as follows:

- May or June start courses - Virtually all graduate and undergraduate courses that start in the months of May or June will be conducted remotely.
- July courses - The decision on whether or not courses that start in July will be conducted face-to-face will be made no later than May 15.

Schedule of Classes - Office of the Registrar: For all courses starting in either May or June, the meeting room will be changed to ONLINE, and the Office of the Registrar has removed times for the course sections.

How do students know which lectures and labs will be conducted remotely? In the Schedule of Classes, the meeting room will be listed as OFFCMP ONLINE or TBA. Each section will also include the following note: Due to COVID-19, this section will be delivered ONLINE.

How do students know which lectures and labs will be conducted asynchronously? If a particular section has a meeting time, the class will meet synchronously on the listed days/times. However, the course will still be delivered online. Each section will also include the following note: Due to COVID-19, this section will be delivered ONLINE.
**Summer Aid Update - Division of Financial Aid:** If students experience income loss such as a job change or job loss due to COVID-19, students can contact the Division of Financial Aid to see if a special circumstance appeal is a possibility. A financial aid counselor will use information and numbers provided by the student to see if processing an appeal may change the student’s aid.

**Billing Update - Office of the Bursar:** For Summer 2020, the Office of the Bursar will not be processing a registration cancel run for non-payment. The Bursar will begin assessing summer fees starting on April 15. Invoices will be sent on April 20 with a due date of June 15. For students who are planning to use financial aid to pay their tuition, they will be required to confirm their enrollment in order for their aid to disburse to their account. If the student does not complete this step, their aid will not be disbursed to their account nor will they receive any excess aid refunds. Since there is not a registration cancel for Summer 2020, it is important that students understand the drop/add deadlines and University refund policy. Published dates are on the Registrar’s website.

If a student with financial aid is considering dropping a course, please discuss this decision with the Division of Financial Aid to make sure the student understands the implications to their financial aid. Please reach out to Michelle Fulk at mfulk@purdue.edu with any questions or concerns.

**Campus Housing - University Residences:** University Residences will accommodate students who need to remain on campus over the summer for various reasons (e.g., lack of internet access at home, travel restrictions). More information to come.

**EAPS 518: Soil Biogeochemistry**

EAPS 518: Soil Biogeochemistry will provide an introduction to the field of soil biogeochemistry - the study of the complex interactions between the biotic (living) and abiotic (nonliving) components of soils and how they are mediated or perturbed by natural and anthropogenic forcings. This is an interdisciplinary graduate student and upper level undergraduate course that will explore the geochemical, mineralogical, microbial, plant, and physical interactions at play in soil. The course is composed of lectures, critical reading of literature in relevant fields, individual homework, team-based projects exploring data from on-going research projects, and field and laboratory experiences that highlight important methods and tools for soil biogeochemical analysis. The class is 3 credit hours and meets Monday, Wednesday 9:30-10:20 for Lecture and a TBD 50 min lab. Questions can be sent to Dr. Timothy Filley at filley@purdue.edu. This class will count as a EEE selective.

**Minor in Innovation and Transformational Change**

We need students like you—now more than ever—to solve our most pressing problems in business, government, the non-profit sector, and academia. We need to solve Grand Challenges. The Minor in Innovation and Transformational Change will teach you world-class methods and techniques to transform these challenges into opportunities to make a significant impact. Innovation is commonly associated with the creation of new and different technologies. Innovation science provides insight into ways of thinking, planning, and acting that can be applied across a broad range of domains to drive impact. The Minor in Innovation and Transformational Change will equip you with the mindsets, behaviors, attributes, tools, and methods you need to obtain leadership roles and make large-scale, positive impact wherever you may go in your career. The minor is 18 credits with almost 90 courses to choose from. Questions can be sent to innovation@purdue.edu.

**Industrial Scholarship Opportunity**

Sponsored by donations from companies participating in PESC’s career fairs, the Industrial Scholarship Program grants students attending either EXPO in the spring or Industrial Roundtable in the fall the opportunity to be rewarded for their motivational efforts to further their career and experience. Students apply for the Industrial Scholarship during the semester prior to the applicable career fair. Applications are due on May 31st and can be found here.

**Steps to Leaps Corner**

Campus resources are available to students to help with all types of well being:
• WellnessTrack Self-Help Therapy tool
• Visit a PUSH provider here.
• Student Support Services can be contacted here.
• CAPS will be offering telehealth resources including screenings, individual therapy, psychiatry, care and case managers. Contact 765-494-6995 for assistance or visit the CAPS website for more information.
• Purdue Recreation and Wellness is offering several programs virtually including Group X, Wellness Coaching, Cooking Demonstrations and more. Visit RecWell’s Virtual Programs page for more information.
• On the Steps to Leaps website you will be able to find Learning Modules about stress management as well as time management.
• Sign up for the Steps to Leaps Newsletter to stay up to date.
• Well-Being Tip of the Week
• Virtual Student Life page

New CAPS resources Online

CAPS has added a new section of resources to our website. This section is devoted to applications (apps) and other online resources that might be useful to students. These new resources can be found here. Alternatively, you can go to the CAPS website (www.purdue.edu/caps), click on “Online Resources” on the right side of the page and go to this new addition.

Some new CAPS COVID-19 resources to Learn more about can be found here:
- Adjusting to the New Normal
- Coping with Grief and Loss - Mourning the Changes since COVID-19
- How to Talk to Professors about Personal Matters

Foreign Language Placement Testing TBA

The School of Languages and Cultures is finalizing alternate plans for language placement testing. Many of the languages will offer an online placement test. For languages without an online test, students will need to go directly through an instructor in that language, e.g. via video interview. As soon as the plans are in place, and this should be soon, SLC will post them here. Thank you for your patience, as there have been many technical and logistical aspects to work out.
Fall 2020 - Soil Biogeochemistry (EAPS 518)

3 credits, M,W - 9:30-10:20 Lecture + additional 50 min lab with section time/day TBD

EAPS 518 will provide an introduction to the field of soil biogeochemistry - the study of the complex interactions between the biotic (living) and abiotic (non-living) components of soils and how they are mediated or perturbed by natural and anthropogenic and forcings. This is an interdisciplinary graduate student and upper level undergraduate course that will explore the geochemical, mineralogical, microbial, plant, and physical interactions at play in soil. Students will investigate how soils support the ecosystems, how concepts of soil health relate to a soil’s capacity to sustain agriculture, what properties control the vulnerability soil organic matter to enhanced decomposition and erosion, and what processes control the capacity of a soil to stabilize C and act as a sink for atmospheric CO₂.

The course is composed of lectures, critical reading of literature in relevant fields, individual homework, team-based projects exploring data from on-going research projects, and field and laboratory experiences that highlight important methods and tools for soil biogeochemical analysis.

Dr. Timothy Filley  
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filley@purdue.edu  
https://www.eaps.purdue.edu/filley/

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phone 496-1716  
3464 Lilly Hall  
cliffjohnston@purdue.edu  
https://ag.purdue.edu/agry/directory/Pages/clays.aspx

Course Topic Overview

- **The Critical Zone**  
  A wholistic framework considering the interconnected continuum of processes from the incipient weathering of bedrock in the deep subsurface to soil biogeochemistry and plant physiology in the canopy - [https://www.czen.org/](https://www.czen.org/)

- **Soils**  
  Formation, diversity, structure, distribution, soil processes

- **Organic Chemistry of Life**  
  The plant and microbial chemicals that contribute to soil chemistry and govern many of the processes important for building soil organic matter.

- **Decomposition Processes in Nature**  
  Fungal and bacterial alteration of natural organic matter /redox processes in terrestrial systems.

- **Mechanisms of organic matter stabilization/destabilization in soils**  
  Organo-mineral complexes in soil and sediments, physical protection of organic matter within natural micro-aggregated structures, inherent recalcitrance of certain biomacromolecules to microbial decay, the role of fire and black carbon in terrestrial C balances, variation of microbial decomposition processes under differing redox conditions in soil.

- **Ecosystem Engineers**  
  Macroinvertebrates, animal, and insects, important for physical mixing and the processing of mineral, nutrient, and organic components in soil.

- **Hands-on field and lab methods of soil analysis**
In field soil health testing, lab wet chemical, and spectroscopic, biomarker, stable isotope analyses.

- **Landscape process and soil organic matter dynamics**
  Erosion and burial as a source or sink of atmospheric C

- **Isotope fractionations in nature**
  Equilibrium /kinetic

**Course Overview**
Lab modules 35%;
Homework and quizzes 30%
In class data projects 35%
Learn world-class methods and techniques to transform society’s most pressing challenges into opportunities to make a significant impact.

Earn a minor while meeting elective requirements for your major!

18 CREDITS

Choose your own path from nearly 90 courses in 6 areas

- Fundamentals of Innovation
- Holistic Solution Design
- Motivating Change
- Achieving Financial Sustainability
- Understanding Grand Challenges
- Breakthrough Thinking

LEARN MORE:
https://engineering.purdue.edu/Innovation/students/minor

QUESTIONS:
innovation@purdue.edu

GET STARTED!

ENGR-30500-H01 (3 credits):
Fundamentals of Innovation Theory & Practice Honors
OPEN TO HONORS AND NON HONORS STUDENTS

- Explore contemporary socio-technical challenges using innovative problem solving techniques from management, design, engineering, and the social sciences