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Purdue Calendar

For important advising and registration dates for the 2022 Spring Semester:
https://www.purdue.edu/registrar/calendars/index.html

Protect Purdue

All of the info and resources you may need can be found at https://protect.purdue.edu/

EEE Registration Season for Fall 2022

Students who will be registering as an undergraduate student for Fall 2022 should have received a BoilerConnect email from their advisor, either Tammi Thayer or Patrick Tiffany, on 2/10/22 about Registration Advising appointment steps. (Those graduating in May were not included). Read and follow all instructions you received to prepare for your appointment!! Students not prepared will be required to reschedule their appointment!!

Timeline of Important Steps & Dates -
- **Now through March 18** - EEE Mentor meeting; priority timeline to avoid bottlenecks
- **Post-Mentor meeting through April 8** - EEE Advisor Registration appt with me; priority timeline
- **March 14** - Fall 2022 Schedule of Classes released
- **April 11, 5PM** - CRF Submit Deadline
- **April 20, 5PM** - Schedules for all students submitting the CRF released
- **April 21** - Open Registration begins; Scheduling Assistant opens.

EEE Student Experience Survey (Participation Required)

The 2021 EEE Student Experience Survey is open and students received an email on 2/7/22 with instructions. Completion of this survey is required of all current students. All EEE students must participate to for Fall 2022 registration purposes; May graduation candidates must complete to graduate.

The survey will take no more than 15 minutes to complete. You will submit a current resume at the conclusion of the survey, so have an electronic copy of your resume ready.
SURVEY: https://purdue.ca1.qualtrics.com/jfe/form/SV_cTRAlmohiNedoma

SEEE SAC Survey*

The Society of Environmental and Ecological Engineers’ student advisory council wants EEE student feedback to help improve the program. Survey link: https://purdue.ca1.qualtrics.com/ife/form/SV_2c2Q8pf1p5AEDyK
SERU Survey

All students enrolled in the College of Engineering are urged to take the national Student Experiences in the Research University (SERU) survey by April 12. All Purdue undergraduates are invited to take the SERU, but it is important to get a good sampling from engineering students so that all opinions are accurately represented. Purdue will award twenty $100 Amazon gift cards and twenty $50 Amazon gift cards to students who have completed the SERU.

Link:  https://www.purdue.edu/idata/SERU.php

AAARC Student Leadership Series with Dr. Hua*

The Asian American and Asian Resource and Cultural Center (AAARCC) is hosting Dr. Hua for an event on March 8, 2022 from 4-5 PM at the center for their Student Leadership Series. Join the event to hear more about Dr. Hua’s experiences in the field, as well as how to participate in meaningful conversations with professionals and peers.

CE 59700: Plastics in Infrastructure & Environment by Prof. Andrew Whelton

Summer 2022 course - Professor Whelton is offering CE 59700 Plastics in Infrastructure and the Environment. This online course can be completed remotely, as there are no required meeting days/times. For more information on the course see https://www.edx.org/course/plastics-in-infrastructure-and-the-environment or contact Prof. Whelton.

EEE will use this course as EEE Selective.

CE 59700: Disasters and Emergencies by Prof. Andrew Whelton*

Fall 2022 course - This course is designed for students to learn the organizational roles, responsibilities, logistical and scientific complexity of responding to disasters and emergencies. Topics to be touched upon include public health, infrastructure, and the environment. Events to be covered include those caused by natural disasters and those that are man-made. Specific objectives are to: (1) recognize the Incident Command System, (2) identify the decision processes that are used for community response and recovery, and (3) become familiar with the infrastructure, environmental, and public health concerns post-disaster. A variety of federal, state government, nongovernmental organization (NGO), academic, and private corporations will share these experiences on this topic. Students will review materials outside of class so they can constructively contribute to dialogue with experts brought into the class. Additional assignments will also be incorporated. Portions of last fall’s syllabus is attached.

EEE will use this course as EEE Selective.

Office of Undergraduate Research Scholarship (OUR Scholars) Application Open

The Office of Undergraduate Research offers this research scholarship program to recognize undergraduate student engagement in original research, scholarship or creative work under the guidance of a Purdue faculty or approved mentor. These annual, nonrenewable, academic scholarships, in the amount of $1,000 ($500 per semester) are made available through an equal partnership between the Office of Undergraduate Research and each of the participating colleges and schools. For more info.

EEE Travel Assistance Request Opportunity*

Looking for a funding opportunity to assist with costs associated with your Study Abroad, Global Experience, Service-Learning Project, Conference, etc.? Students seeking monetary assistance for travel costs associated with studying abroad, presenting research or other educational activities should use the attached form to validate their need for such support. Applicants should have an initial discussion concerning the intended program with Tammi Thayer.

Applications are due 1pm on March 15 to Dr. Nina Robinson, EEE Administrative Director, at nlrobins@purdue.edu. Application form is attached
NSPE Scholarship Application Open

The National Society of Professional Engineers own Education Foundation has multiple scholarships available for engineering students. Applications for the 2022 scholarships are now available via a new online submission platform that streamlines the application process. Current engineering students can now apply for the following scholarships by April 1:

- **The Auxiliary Legacy Scholarship** is awarded annually to a female undergraduate entering or continuing their junior year of a four-year ABET-accredited engineering program. The scholarship is awarded in one disbursement of $5,000 at the beginning of the junior year. Multiple awards are potentially available.

- **The Steinman Scholarship** is awarded annually to undergraduates entering or continuing their junior year in a four-year ABET-accredited engineering program. This award is for $5000, with multiple awards potentially available.

- **The George B. Hightower, P.E. Fellowship** is awarded annually to a current engineering undergraduate or graduate student who is enrolled in, or graduated from, an ABET-accredited engineering program. The scholarship is awarded in one disbursement of $3,000 at the beginning of the Fall semester.
PURDUE AAARCC
STUDENT LEADERSHIP SERIES

MARCH 8, 2022
4:00- 5:00 PM EST

DR. INEZ HUA, PHD
Professor, Lyles School of Civil Engineering and the Division of Environmental and Ecological Engineering

Dr. Inez Hua is a professor in the Lyles School of Civil Engineering and the Division of Environmental and Ecological Engineering. Join us for this student leadership series to hear Dr. Inez Hua speak about her experience in her field, and participate in meaningful conversations between each other.

Event Location:
AAARCC, 915 5th St, West Lafayette

Online Zoom option available
https://tinyurl.com/DrlnezHua

Purdue University
Asian American and Asian Resource and Cultural Center
CE 597: Disasters and Emergencies
Fall 2021

Course Instructor: Prof. Andrew J. Whelton, awhelton@purdue.edu
[Email is the best/fastest contact method]
Hampton Hall Room 3145, telephone (765) 494-2160

Course Credit: 3 credits
Course Content: Brightspace ("Learning Management System")
Meeting Days/Times: Tuesdays/Thursdays 1:30-2:45 pm EST
Course Location: Hampton Hall of Civil Engineering Room 2117 and periodically online (see syllabus)

- COVID Pandemic note: The course will be held in the classroom depending on Purdue University and health department policies, and Instructor access. It is expected the course will be held in-person. Masks and social distancing are required for the classroom.
- Invited external speakers will primarily be shown on the Zoom platform for the first part of class, followed by in-class discussion after the speaker leaves.
- The instructor will do his best to give advance notice about cancellations and classes being online, etc., when possible.
- Students who have unexpected events and are unable to complete deliverables on time should contact the Instructor ASAP. Many of the deliverables are designed so that the student can actively participate in course meetings (specific to the topic of the speaker). Deliverables are also noted at the start of class so students can plan for their submission.

Office hours: Contact the instructor directly to setup Zoom OR in-person meetings, depending on university policies and personal logistics. The instructor plans to have a flexible schedule to meet with students. The Instructor is rarely in his office, but moving between laboratories, home, and worksite locations.

Course Description
CE 597 is focused on introducing and inspiring students about the engineering, science, and policy challenges associated with disasters and emergencies. Topics will span infrastructure, the environment, public safety, and public health.

Learning Objectives
At the completion of this course, it is expected that students will be able to:
- Identify key population needs following natural and man-made disasters;
- Explain the roles and responsibilities of common organizations responding to incidents;
- Recognize the wide-breadth of expertise involved in response and recovery;
- Communicate technical concepts effectively with audiences with widely-varying backgrounds;
• Recognize the different expertise involved in incident response and recovery.

Course Content
This course is designed for students to learn the roles, responsibilities, and complexity of responding to disasters and emergencies from leaders in this space. Events to be covered include those caused by natural disasters and those that are man-made. A variety of federal, state government, nongovernmental organization (NGO), academic, and private corporations will share these experiences on this topic. The course objectives will be fulfilled in three capacities: Through (a) a combination of interactions with invited experts on the topics speaker interactions/information sharing, (b) independent learning activities with U.S. Disaster response training courses, (c) final report and presentation that represents the student’s breadth and depth knowledge. Some, not all, external guest presentations may be recorded and available on the Brightspace course site only. Speakers were specifically invited because of their firsthand experiences responding to, recovering from, and reporting on disasters and emergencies or helping others in these capacities.

Learning Resources, Technology & Texts
- There is no required textbook or notes package to be purchased for this course.
- The Brightspace page is the location of all materials. See the Help tab for resources.
- Students should NOT pay for access to any scientific article for this course. Journals and documents can be found by logging in with your student PUID here: https://www.lib.purdue.edu/.

Grading
Several activities will be used to determine the student’s final grade:
- 20% Speaker reflections and case study quizzes
- 20% Scientific paper reflections
- 20% Completion of 3 online FEMA training courses
- 20% Final report
- 20% Final presentation
Environmental and Ecological Engineering
Travel Assistance Request Form: Study Abroad, Global Experience, Service-Learning Project, Conference, etc.

Students seeking monetary assistance with tuition, fees, travel or related expenses associated with studying abroad, doing/presenting research or other educational activities including travel should use this form to validate their need for such support. Applicants should have an initial discussion concerning the intended program with the EEE Associate Director of Advising. Applications are due to the EEE Administrative Director by relevant deadline.

**Application Deadlines:**
- October 30 for support of winter or spring term experiences
- March 15 for support of summer or fall term experiences

Basic information:
- Name, PUID ____________________________
- Semester/Dates of travel ____________________________
- Location/Program/Conference Name ____________________________
- Number of credits to complete (if applicable) ____________________________
- Specific course equivalencies (list) ____________________________
- Name all faculty sponsors (if applicable) ____________________________

Personal Statement: On a separate sheet in 500 words or less, describe the planned experience and how it will help you to grow as an individual and future professional, as well as any benefits to clients or community groups. Include relevant details on how funding could eliminate financial obstacles to your participation.

If the experience is not a course-based program (study abroad), answer each of the following in your statement and have the lead/supporting faculty member or instructor indicate approval with a signature.

1. Describe the project or area to be studied. What are the main questions of study?
2. Describe your learning objectives and goals? What do you hope to accomplish through the experience?
3. Describe how you will show you have met your learning objectives — what products, reports, or other deliverables will you produce to show that you have met the objectives?
4. Describe how your project relates to EEE, to material covered in other EEE courses, and/or to your professional goals.
5. If credit for a course will be given, state how you intend to use this credit toward EEE degree requirements.

Estimated Budget:
- Travel $___________
- Food & Incidentals $___________
- Housing $___________
- Insurance $___________
- Tuition/Fees $___________

Funding Already Received:
- Travel $___________
- Food & Incidentals $___________
- Housing $___________
- Insurance $___________
- Tuition/Fees $___________

List other funding sources being pursued: ______________________________________________________

Have you received previous funding from EEE:
- [ ] No
- [ ] Yes For what? Amount? ______________________________________________________

If EEE agrees to provide support, you will be required to provide a “deliverable” to EEE. Indicate below how you wish to meet this requirement.

- [ ] Presentation to EEE 29000 *Intro to EEE Seminar*
- [ ] Poster for display

- [ ] Presentation to EEE affiliated student organization
- [ ] Report

- [ ] EEE volunteer hours upon return to campus (~10hrs)
- [ ] Other __________

- [ ] Write student spotlight to be featured on EEE webpage

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