Fall 2018
ECE608 Computational Models and Methods

Prerequisite: Graduate Standing

Time and Place:
TTh 12:00-1:15pm SC239

Instructor: Professor Irith Pomeranz
MSEE234, 494-3357, pomeranz@ecn.purdue.edu
Office Hours: TTh 2:30-3:30pm, or send an e-mail for a time on TTh 9am-6pm. Please specify several preferred times.

TA: TBD

Course Website:
https://engineering.purdue.edu/~pomeranz
Students are asked to check the website regularly for announcements.


Course Outline:
Chapters 1-12, 15-16, 22-26, 34, 35, Appendices A and B in the textbook.

Tentative Course Grade Determination:
Quizzes (100%)
All the items are mandatory, and necessary for passing the course.
The plus/minus grading system will be used when assigning final grades.
Additional information about missing quizzes and final grade assignment is provided separately on the course website and/or during the lectures.
Attendance may occasionally be recorded for the purpose of awarding bonus points. Bonus points will only be given to students who are present in the class.
No cheating in the quizzes, assignments or recording of attendance will be tolerated. Cheating will result in a zero grade for the item(s) affected by the cheating.

The Purdue Honors Pledge:
As a boilermaker pursuing academic excellence, I pledge to be honest and true in all that I do. Accountable together we are Purdue.
# Approximate Detailed Outline

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**Emergency-Related Issues:**
In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. Information about changes in this course will be available on the course website. Students are asked to familiarize themselves with Campus Emergency procedures posted on the Purdue website.

**CAPS Information:**
Purdue University is committed to advancing the mental health and well-being of its students. If you or someone you know is feeling overwhelmed, depressed, and/or in need of support, services are available. For help, such individuals should contact Counseling and Psychological Services (CAPS) at (765)494-6995 and http://www.purdue.edu/caps/ during and after hours, on weekends and holidays, or through its counselors physically located in the Purdue University Student Health Center (PUSH) during business hours.
**Academic Integrity:**
Academic integrity is one of the highest values that Purdue University holds. Individuals are encouraged to alert university officials to potential breaches of this value by either emailing integrity@purdue.edu or by calling 765-494-8778. While information may be submitted anonymously, the more information that is submitted provides the greatest opportunity for the university to investigate the concern.

**Accessibility and Accommodations:**
Purdue University strives to make learning experiences as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, you are welcome to let the instructor know so that we can discuss options. You are also encouraged to contact the Disability Resource Center at: drc@purdue.edu or by phone: 765-494-1247.
As we begin this semester I want to take a few minutes and discuss emergency preparedness. Purdue University is a very safe campus and there is a low probability that a serious incident will occur here at Purdue. However, just as we receive a “safety briefing” each time we get on an aircraft, we want to emphasize our emergency procedures for evacuation and shelter in place incidents. Our preparedness will be critical IF an unexpected event occurs!

Emergency preparedness is your personal responsibility. Purdue University is actively preparing for natural disasters or human-caused incidents with the ultimate goal of maintaining a safe and secure campus. Let’s review the following procedures:

- For any emergency call 911.
- There are nearly 300 Emergency Telephone Systems throughout campus that connect directly to the Purdue Police Department (PUPD). If you feel threatened or need help, push the button and you will be connected to the PUPD.
- If we hear a fire alarm we will immediately evacuate the building and proceed to South Side of Stanley Coulter across Oval Drive on Memorial Mall.
  - Do not use the elevator.
  - Go over evacuation route...see specific Building Emergency Plan.
- If we are notified of a Shelter in Place requirement for a tornado warning we will shelter in the lowest level of this building away from windows and doors. Our preferred location is move to the ground floor hallways of Stanley Coulter Hall and stay away from windows and stairwell entrances.
- If we are notified of a Shelter in Place requirement for a hazardous materials release we will shelter in our classroom shutting any open doors and windows.
- If we are notified of a Shelter in Place requirement for an active threat such as a shooting we will shelter in a room that is securable preferably without windows. Our preferred location is a nearby classroom with a door that can be locked.

(NOTE: Each building will have different evacuation & shelter locations. The specific Building Emergency Plan will provide specific locations and procedures)

Attached to the syllabus is an “Emergency Preparedness for Classrooms” sheet that provides additional preparedness information. Please review the sheet and the Emergency Preparedness website for additional emergency preparedness information.
EMERGENCY PREPAREDNESS SYLLABUS ATTACHMENT

EMERGENCY NOTIFICATION PROCEDURES are based on a simple concept – if you hear a fire alarm inside, proceed outside. If you hear a siren outside, proceed inside.

- **Indoor Fire Alarms** mean to stop class or research and immediately **evacuate** the building.
  - Proceed to your Emergency Assembly Area away from building doors. **Remain outside** until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave.
- **All Hazards Outdoor Emergency Warning Sirens** mean to immediately seek shelter (**Shelter in Place**) in a safe location within the closest building.
  - “Shelter in place” means seeking immediate shelter inside a building or University residence. This course of action may need to be taken during a tornado, an active threat including a shooting or release of hazardous materials in the outside air. Once safely inside, find out more details about the emergency*. **Remain in place** until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave.

*In both cases, you should seek additional clarifying information by all means possible...Purdue Emergency Status page, text message, Twitter, Desktop Alert, Albertus Beacon, digital signs, email alert, TV, radio, etc....review the Purdue Emergency Warning Notification System multi-communication layers at [http://www.purdue.edu/ehps/emergency_preparedness/warning-system.html](http://www.purdue.edu/ehps/emergency_preparedness/warning-system.html)

EMERGENCY RESPONSE PROCEDURES:

- Review the **Emergency Procedures Guidelines** [https://www.purdue.edu/emergency_preparedness/flipchart/index.html](https://www.purdue.edu/emergency_preparedness/flipchart/index.html)
- Review the **Building Emergency Plan** (available on the Emergency Preparedness website or from the building deputy) for:
  - evacuation routes, exit points, and emergency assembly area
  - when and how to evacuate the building.
  - shelter in place procedures and locations
  - additional building specific procedures and requirements.

EMERGENCY PREPAREDNESS AWARENESS VIDEOS

- "**Run. Hide. Fight.**®" is a 6-minute active shooter awareness video that illustrates what to look for and how to prepare and react to this type of incident. See: [https://www.youtube.com/watch?v=5mzl_Saj4Vs](https://www.youtube.com/watch?v=5mzl_Saj4Vs)
  (Link is also located on the EP website)

MORE INFORMATION
Reference the Emergency Preparedness web site for additional information: [https://www.purdue.edu/ehps/emergency_preparedness/](https://www.purdue.edu/ehps/emergency_preparedness/)