

## Course: CPE 200-001 / -002 / -003

### Title: Computer Engineering Sophomore Seminar

Term: Fall 2023

Credit hours: 1

Meeting days/time/location:

CPE200-001: Wednesday @ 9:00-9:50 in 265 F Paul Anderson Tower

CPE200-002: Wednesday @ 12:00-12:50 in 263 F Paul Anderson Tower

CPE200-003: Wednesday @ 3:00-3:50 in 309 Robotics & Manufacturing Building

#### Instructor Information

Name: Professor Henry (Hank) Dietz

Email: [hankd@engr.uky.edu](mailto:hankd@engr.uky.edu)

Office building and room number: 203 Davis Marksbury Building

Office phone: (859) 257 4701 -- email contact is strongly preferred

Office hours: schedule and live office camera are posted at <http://aggregate.org/hankd>

Email is the preferred contact method; please place “**CPE200**” in the *Subject* line.

Office meetings can be physically in the Davis Marksbury Building, or can be online via Zoom.

**From the COVID19 experience, we all know it is important for course students and staff to take appropriate precautions. If you have a contagious illness, consider staying home; course staff and lecture recordings will help you keep up with the class.**

#### Course Description

CPE200 is a course designed for sophomore Computer Engineering Students to help inform them about the CPE degree program, careers in computer engineering, and resources available to CPE students at UK. The course will introduce students to the computer engineering program requirements, the academic advising policies and resources, the academic advising staff and the faculty in the program. The course will assist students in setting career objectives; assist in the selection of appropriate electives to meet their career objectives; assist in preparing a plan of study; assist in preparing a professional resume. The course will introduce students to the areas within computer engineering and the major developments in the field of computer engineering from industrial practitioners.

#### Course Prerequisites

EGR 103 (or EGR 215)

#### Required Materials

Various materials for the course will be provided, primarily via canvas or the course website, <http://aggregate.org/CPE200> . There is no textbook.

#### Associated Expenses

None.

### Activities Outside of Regular Class Meetings

Students will participate in the UK Engineering Career Fair and workshops and events relating to the career fair along with tours in the college of engineering. Some of these activities will be in the evening and some will be during the day outside of class time.

### Skill and Technology Requirements

Course communication and assignments will be on canvas with supporting materials at the course URL.

For technical assistance, contact ITS Customer Services 24/7 at 859-218-HELP (4357) or via the [ITS Customer Services](#) page for urgent needs. For non-urgent matters, choose the option that works best for you at <https://techhelpcenter.uky.edu/gethelp>

### Student Learning Outcomes

Students who fulfill the requirements for this course will be able to:

- Demonstrate a knowledge of the BSCPE degree requirements.
- Prepare a personal plan of study.
- Demonstrate knowledge of the importance of life-long learning.
- Demonstrate knowledge and appreciation for ethical and professional conduct.
- Appreciate the scope of computer engineering as a discipline.

### Regular and Substantive Interaction/Academic Engagement

As per <https://www.uky.edu/tlai/compliance-faculty> , regular and substantive interaction (RSI) opportunities will be provided to ensure academic engagement even if portions of this nominally in-person course are taught using online mechanisms (e.g., due to pandemic-related or scheduling issues).

### Course Details

#### Tentative Course Schedule

Topic	Lectures
Introduction to Computer Engineering Seminar	1
Computer Engineering Resumes	1
Career Fair Preparation, Co-op and Internships	1
CPE Degree Requirements	1
Advising	1
Career Paths	1
Ethics and IEEE Code of Ethics	1
Graduate School, Scholars Program, and Undergraduate Research	1
Sample Computer Engineering system design and performance debugging	2
Computer Engineering Areas and Faculty	2
Student Organizations	1

The above is an **approximate** schedule. Students are responsible for following details and updates posted as announcements on Canvas. Some key other events students might attend are:

Event	When & Where
ECE Fall 2023 JumpStart	9-11AM, Aug. 24, 4 <sup>th</sup> floor FPAT student commons
IEEE Welcome Back Picnic	6-8PM, Sept. 5, 2023, engineering courtyard
Fall Engineering and Computer Science Career Fair	2-6PM, Sept. 19, 2023, Gatton Student Center
<a href="#">Fall 2023 HireBlue Career Fair (All Majors)</a>	2-6PM, Sept. 20, 2023, Stuckert Career Center

### Course Activities and Exams

There will be no exams, not even a final exam. Students will get credit for attendance and for homework assignments (some of which will be attendance in activities outside of class). There may be some quizzes on asynchronous content.

- Participation: 50%
- Homework and Quizzes: 50%

### Grading Scale

Nominally, the grading scale is:

90 – 100% = A  
 80 – 89% = B  
 70 – 79% = C  
 60 – 69% = D  
 Below 60% = E

Adjustments may be made to scores of specific graded materials (e.g., adjusting everyone's score for exam 0 if there was an issue with a question).

### Midterm Grades

For undergraduates, midterm grades will be posted in myUK by the deadline established by the University Senate and published in the [Academic Calendar](http://www.uky.edu/registrar/content/academic-calendar). (<http://www.uky.edu/registrar/content/academic-calendar>).

### Attendance Policy/Acceptable Documentation

The University of Kentucky generally expects appropriate documentation for an excused absence: e.g. a letter from a healthcare provider. In general, notification beforehand via email to [hankd@engr.uky.edu](mailto:hankd@engr.uky.edu), with "CPE200" in the subject line, will be accepted as a valid reason for an excused absence. Students missing class meetings generally are responsible for catching-up on the material missed even if the absence is excused, although excused absences may be taken into account, for example, by extending assignment deadlines. Class presentation recordings will generally be made available to help those with an excused absence. Unexcused absences may suffer loss of any credits associated with participation, homework, or quizzes missed.

## Assignment Policies

### Assignment Submissions

All assignments will be collected electronically using software to be discussed in class or via canvas.

### Late Assignments

Online exams and assignments are expected to be submitted no later than the specified deadline, but the server might accept late submissions. Except where University Senate Rules about excused absences apply, it is entirely at the discretion of the instructor as to how much, if any, credit will be awarded for a late submission. Note that most assignments can be submitted multiple times before the deadline without penalty, and all such submissions are typically logged, but generally only the last one submitted before the deadline is considered for grading.

### Assignments Due during Prep Week

No assignments will be due during Prep Week (which isn't really a week long). However, it is possible that activities making-up for an absence would be scheduled during that time.

## Academic Policy Statements

Whatever is stated in the current Senate's [Academic Policy Statements](#) document applies.

### Academic Offenses (Cheating, Plagiarism, and Falsification or Misuse of Academic Records)

Whatever is stated in the current Senate's [Rules Regarding Academic Offenses](#) document applies.

In the classroom, students should not take any actions that would disrupt the classroom environment (e.g., talking on a cell phone during class). In general, students are expected to behave in a respectful way towards their fellow students, the TA, and the instructor. Failure to follow University of Kentucky guidelines involving appropriate precautions against spread of COVID19 or other communicable diseases will be treated as a very serious offense and dealt with as specified by the University.

Students are expected to generally behave in an ethical manner, but violations will be treated as serious offenses. Altering graded exams and then submitting them for regrade is obviously unethical, but you do not need to be trying to enhance your grade in order for your behavior to be inappropriate. For example, attempts to break into computer accounts associated with this course or to falsely identify yourself are serious ethical violations even if there was no intent to "cheat" per se.

There are lots of study materials for this course, including old exams, widely available; using them as study aids is perfectly acceptable, but be warned that an apparent reuse of an old question usually has the question slightly reworded so that repeating the old answer will get no credit. Although students are encouraged to discuss course material with one another, everything you submit must be entirely your own original work. Similarly, for in-class exams that specify no textbooks, no calculators, etc., use of the banned resources is a serious offense. Online exams will specify what is and is not permitted, but the general rule is that referencing your notes, looking at online materials at the course web site, etc. is OK – however, getting help from another human while working on an online exam is not OK. Neither is it permissible for you to offer such help to a classmate. AI tools, such as ChatGPT, may be used in limited ways, but an AI-generated response is **not** considered to be your own original work.

## Resources

There are a wide range of resources available to help you with this course, the most relevant of which will be cited at either canvas or the course web site. Arguably the most important resources are the instructor and your classmates – and you are strongly encouraged to interact.

Tau Beta Pi offers excellent tutoring support for engineering majors. In addition the university provides many resources including [Distance Learning Library Services](#), [Tutoring and Coaching Resources](#), and the University Senate's [Resources Available to Students](#) .

## Diversity, Equity, and Inclusion

The Senate [Syllabus Statement on Diversity, Equity, and Inclusion \(DEI\)](#) applies. Basically, I expect that we will all be open and nice to each other – that's what makes the best academic environment.

## Student Resources

*The University offers a variety of resources to students. Visit the University Senate's [Resources Available to Students](#) to access that list .*

## Course Recordings

The University of Kentucky Code of Student Conduct defines Invasion of Privacy as using electronic or other devices to make a photographic, audio, or video record of any person without their prior knowledge or consent when such a recording is likely to cause injury or distress.

**Meetings of this course may be recorded.** All video and audio recordings of lecturers and class meetings, provided by the instructors, are for educational use by students in this class only. They are available only through the Canvas shell or website for this course and are not to be copied, shared, or redistributed.

As addressed in the Code of Student Conduct, students are expected to follow appropriate university policies and maintain the security of linkblue accounts used to access recorded class materials. Recordings may not be reproduced, shared with those not enrolled in the class, or uploaded to other online environments.

If the instructor or a University of Kentucky office plans any other uses for the recordings, beyond this class, students identifiable in the recordings will be notified to request consent prior to such use. In anticipation of such cases, students may be asked to complete an "authorization of use" form by a faculty member.

Video and audio recordings by students are not permitted during the class unless the student has received prior permission from the instructor. Any sharing, distribution, and or uploading of these recordings outside of the parameters of the class is prohibited. Students with specific recording accommodations approved by the Disability Resource Center should present their official documentation to the instructor.

## Course Copyright

All original instructor-provided content for this course, which may include handouts, assignments, and lectures, is the intellectual property of the instructor. Students enrolled in the course this academic term may use the original instructor-provided content for their learning and completion of course requirements this term, but such content must not be reproduced or sold. Students enrolled in the

course this academic term are hereby granted permission to use original instructor-provided content for reasonable educational and professional purposes extending beyond this course and term, such as studying for a comprehensive or qualifying examination in a degree program, preparing for a professional or certification examination, or to assist in fulfilling responsibilities at a job or internship; other uses of original instructor-provided content require written permission from the instructor in advance.