

Course Syllabus

[Final Syllabus. Jan. 22nd. Updated incorporating student input from Quiz 1]

E125 Ethics, Engineering and Society

<https://berkeley.zoom.us/j/96774806560> [_ \(https://berkeley.zoom.us/j/96774806560\)](https://berkeley.zoom.us/j/96774806560)

Spring 2020, 3 units

- LECTURE – MW 10:00am - 11:00am
- DISCUSSION 101 F 10:00am-11:00am
- DISCUSSION 102 F 11:00am-12:00pm

We will be using the same **Zoom link** [_ \(https://berkeley.zoom.us/j/96774806560\)](https://berkeley.zoom.us/j/96774806560) for all lectures, discussion sessions and office hours. In keeping with UC Berkeley tradition and **guidelines** [_ \(https://academic-senate.berkeley.edu/faq/instructor-faq#t35n651\)](https://academic-senate.berkeley.edu/faq/instructor-faq#t35n651), all class meetings and office hours start on California time, 10 minutes after the scheduled hour.

Zoom chat is disabled. During lecture and discussion, please use slack #general in the same way that you would use the zoom chat.

Office Hours

Professor Office hours

- Tu 9am-9.30am
- M 5.30pm-6pm

Office hours by appointment

- Step 1: Contact teaching team or specific instructor via slack to request a meeting time.
- Step 2: Once meeting time is agreed upon, send calendar invite.

GSI & GSI Office Hours

- Gbemi Akinsipe | M 11am-12pm
- Ryan Hayes | Tu 1.30pm-2pm & Tu 5.30-6pm
- Martin Eiermann | F 9am-10am
- Sasha Kennedy | W 11am-11:30am and W 9pm-9:30pm

Readers & Reader Office Hours (to discuss assignment grading only)

- Mehak Sharma | Th 12-1pm
- Nadeem Wali | Th 1-2pm
- Sian Liang | W 3-4pm
- Wendy Hu | Wed 6-7pm

- Nick Lai | F 4-4.30pm & W 7.30-8pm

Office hours as a resource

- During office hours, the teaching team can clarify course content, help you explore and direct your own learning, and suggest additional resources.
- We can also help you brainstorm on how to complete upcoming assignments.
- If you feel like your performance in the class is being impacted by your experiences outside of class please don't hesitate to come and talk with us. We want to be a resource for you.
- If something was said in class (by anyone) that made you feel uncomfortable, please talk to the instructor or the GSIs about it.
- Please let us know what **accommodations** you need for the course to best support your learning.
- Consult also the resources made available to you on [Pages/Resources](#).

Course Description

How can we identify and analyze ethical issues in engineering? This course provides an introduction to how theories, concepts, and methods from the humanities and social science can be applied to ethical problems in engineering. Assignments involve a combination of group and independent research projects that are designed to empower students to engage in engineering ethics issues. Students will have opportunities to contribute novel findings to the emerging academic field of engineering ethics while building their analytical and communication skills.

Course Objectives

Identify and analyze ethical issues in science and engineering

1. Apply theoretical and conceptual tools from the humanities and social sciences to engineering problems
2. Understand professional responsibilities
3. Lead and contribute to ethics discussions with people from engineering and non-engineering disciplines
4. Develop communication and presentation skills
5. Work effectively in a multidisciplinary group
6. Understand your own values, and how they fit in your stands about engineering, ethics and society
7. Engage in peer review
8. Assess and direct one's own learning

Course Tools

1. bCourses will be our main course tool. Slack will be our main course communication tool ([join Slack here](https://join.slack.com/t/e125-sp2021/shared_invite/zt-l0qqzq92-TNtZzxIZQjSwrV2isbPanA) [_ \(https://join.slack.com/t/e125-sp2021/shared_invite/zt-l0qqzq92-TNtZzxIZQjSwrV2isbPanA\)](https://join.slack.com/t/e125-sp2021/shared_invite/zt-l0qqzq92-TNtZzxIZQjSwrV2isbPanA)).
2. You are held responsible for all class announcements, assignments and lecture notes posted on bCourses.

3. Slack serves as a venue for extending class conversations beyond the class time. You may create new channels, post messages under #general, #random, and your group, and direct-message the teaching team.
4. All assignment submission is done through bCourses. Deadlines and *final* assignment descriptions can be found under [Assignments](#).

Communication

bCourses Inbox and Slack are the two communication platforms that you can use to communicate with the teaching team. We ask that you do not use email, so that we can ensure that you receive a timely response to your inquiry.

Textbooks

Two required textbooks will be used in this course:

- Van de Poel, I. and Royakker, L. 2011. Ethics, Technology, and Engineering: An Introduction. Wiley Blackwell.
- McGinn, R. 2018. The Ethical Engineer. Contemporary Concepts & Cases. Princeton University Press.

See [Pages/Resources](#) for textbook procurement options. [ET&E Van de Poel](#)

[\(http://oskicat.berkeley.edu/search~S1/?searchtype=i&searcharg=9781444330946\)](http://oskicat.berkeley.edu/search~S1/?searchtype=i&searcharg=9781444330946) and [EE McGinn](#)

[\(http://oskicat.berkeley.edu/search~S1/?searchtype=i&searcharg=9780691177700\)](http://oskicat.berkeley.edu/search~S1/?searchtype=i&searcharg=9780691177700) are also on reserve at the [Engineering Library](#). [\(https://www.lib.berkeley.edu/libraries/engineering-library\)](https://www.lib.berkeley.edu/libraries/engineering-library).

All additional readings will be posted as pdfs or as links on bCourses. For the links, it is important that you use the [Library VPN](#) [\(https://www.lib.berkeley.edu/using-the-libraries/vpn\)](https://www.lib.berkeley.edu/using-the-libraries/vpn) [↓](https://www.lib.berkeley.edu/using-the-libraries/vpn/download?download_frd=1) [\(https://www.lib.berkeley.edu/using-the-libraries/vpn/download?download_frd=1\)](https://www.lib.berkeley.edu/using-the-libraries/vpn/download?download_frd=1).

Lecture

You are expected to participate in all the lectures. Please come prepared having read the assigned readings and having thought of questions or topics of discussion that are important to you. Be respectful of your colleague's learning process and be supportive of their learning regardless of where they are in their learning process.

Lectures consist of whole-class lecture and discussion (which is recorded) and discussion within your group of 10 students. Lectures are recorded and posted on bCourses. The prompt for the small group discussions is posted on Slack. Small group discussions are not recorded.

Discussion Sections

You are expected to participate in all discussion sections. Please come prepared having read the EiN article and the analysis and seed questions.

You are also responsible for one Ethics in the News discussion, and one Peer Review of an Ethics in the News discussion. **These two discussions must be attended synchronously.**

Small group discussions are not recorded, so your group's EiN discussion is not recorded.

Participation Policy

Participation in each lecture and each discussion session is required. There will be a Participation Form that you need to fill out within 48 hours after every class.

1. Late submission of Participation Forms is not accepted. If you do not submit a participation form, you are considered absent for that lecture.
2. A total of **three** absences are allowed without penalty.
3. Your participation in lectures and and discussion is counted towards your class participation grade. There are a total of 40 class meetings (26 lectures and 14 discussions), and 3 absences are allowed. Your % attendance will be computed accounting for the lectures that you made-up.

Guidelines for synchronous participation

Attend class, discuss with your student group. **At the conclusion of the class, submit the participation form.**

While generally not required except when specifically prompted by the instructor, you are also welcome to contribute with answers on slack to the seed questions.

You may attend some class meetings synchronously and others asynchronously. To the degree that you can, I strongly recommend that you attend synchronously, since a lot of the course value comes from discussion with your colleagues in the class.

Guidelines for asynchronous participation

For lectures: Watch the lecture recording. **Posting on slack your answers to the seed questions.** Seed questions are indicated in the lecture notes. Discuss with your group via slack.

Optional: meet synchronously with students from the class, and then post notes from the discussion on slack. #group-a and #group-b have been formed to facilitate meetings for students participating asynchronously.

For discussion sessions: The majority of the discussion session times occurs in small break-out sessions, which are not recorded. Brief lecture recordings may occasionally be made available for class-wide discussion. **Watch the lecture recordings and read the discussion notes.** Post on slack 150-words or more discussing the EiN article and answering the seed questions.

Seek to engage in conversation with your group, via slack. The purpose of the slack posts is to have an asynchronous *conversation* with your group. Aim for a conversation. Read others' posts and comment on them. Address questions of your colleagues.

Even if you attend all other discussions asynchronously, **each student is required to attend two discussions synchronously: your Ethics in the News assignment date, and your Ethics in the News peer review date.** These dates are **pre-scheduled** (https://docs.google.com/spreadsheets/d/14T_bXAZGDK5LzsVTiFz2bsS70ujhZ6aefUzSXM7zt40/edit?usp=sharing) for each student by the end of the second week of class.

Evolution of Participation Requirements

This course is heavily a discussion-based course, so that you can practice the skill of engaging others in conversation about ethics and the impact of technology on society, so that you can practice the skill of learning from and soliciting others' perspectives, and so that you may explore, in the safe company of your colleagues, new ideas, challenge prior ideas, give yourself room to make mistakes, and practice building arguments.

How these course goals can be achieved in a virtual environment **is a matter of experiment.** The course is designed with ample opportunity for feedback from the students and diverse and frequent small-stakes or no-stakes assignments and surveys that help the teaching team assess the effectiveness of the course towards the course goals. Based on observations from assignment performance and student feedback and observation of student groups, **the requirements for synchronous and asynchronous participation may evolve over the course of the semester.**

Even more a matter of experiment is asynchronous participation. The teaching team is taking many steps to enable asynchronous participation. However, we are not sure how effective this course will be if attended asynchronously. Please take this into consideration as you make your decision to embark on this course this semester. The course is offered every year in the spring.

Lastly, we encourage each of you to **take initiatives within your student group** to create an environment that is more productive and engaging for everyone in the group. Reach out to each other. Support each other. Lead initiatives. We can figure this out much better if we all put our heads together.

Participation Make-up

First, catch up on course reading, course announcements and assignments. If you need help keeping up, please contact the instructor or the GSIs to discuss alternatives and resources.

From your fourth absence on, you must make-up the absence by attending another lecture or event related the course content, and submitting a **150-word reflection** on the attended lecture.

- Read the submission instructions under **[Assignments/Absence Make-Up](#)**. (An example is included in the submission instructions.)
- The Reflection must be submitted **within two weeks of your return from your absent period and no later than May the end of RRR week**). Submit your reflection under **[Assignments](#)** under the relevant heading: Absence Make-up 1, 2, 3 etc: Reflection on lecture/event
- Many on-campus lectures and events are listed at: **<http://events.berkeley.edu/>** (**<http://events.berkeley.edu/>**). For example, there was a lecture at the Berkeley Art Museum on

Expressive Robots: http://events.berkeley.edu/?event_ID=126233&date=2020-01-27
 (http://events.berkeley.edu/?event_ID=126233&date=2020-01-27)

Assignments and Evaluation

The class is not graded on a curve. If you want to learn more about the pedagogical value of not grading on a curve, I would recommend the book "[Grading for Equity](#)" by Joe Feldmann

(<https://search.ebscohost.com/login.aspx?direct=true&db=cat04202a&AN=ucb.b25052499&site=eds-live&authtype=ip,quest&custid=s1226370&groupid=main&profile=eds>).

The class grade is based on your cumulative points in the course as follows:

- A+ >95%
- A > 92%
- A- > 89%
- B+ > 86%
- B > 83%
- B- > 80%; **S/U option** (<https://registrar.berkeley.edu/faculty-staff/grading/grading-policies-reports>): "B-" or better corresponds to Satisfactory
- C+ > 76%
- C > 72%
- C- > 68%; **P/NP option** (<https://registrar.berkeley.edu/faculty-staff/grading/grading-policies-reports>): "C-" or better corresponds to a Pass.
- D+ > 64%
- D > 60%
- D- > 56%
- F <= 56 %

Participation (24% of your final grade)

Students are expected to participate in each class. The class involves discussion and interaction with classmates both inside and outside of class. In-class participation will be in small groups and in dialogue with the instructor, GSIs and the rest of the class.

Students' participation grade will be determined by their responses to Participation Forms and Quiz assignments. These assignments are marked with a check for completion (and are not given any sort of numeric or letter grade). Assignments are designed as an opportunity for students to assess their learning and also for the instructor to assess her teaching.

You will also conduct self-evaluations of your participation at different points during the semester. Your self evaluation will consider if and how you are meeting the objectives that you set in your learning proposal.

Portfolio (76% of your final grade)

All of the assignments in E125 build together to form a portfolio. Instead of a final exam, you will submit a final Portfolio that communicates your unique ethical perspective. Throughout the semester you will work

on building your Portfolio as a repository for your work in E125, but also as a resource that will allow you to reflect on your learning. Most importantly, your Portfolio will help you to imagine and represent your future role as an engineer in society.

Your final Portfolio will be evaluated holistically and is based on six assignments that you will submit throughout the semester.

Portfolio Content 76%

- Learning Proposal 8%
- Three Critical Reflections 16%
- Interviews 8%
- Group Project: Civic Engagement 16%
- Ethics in the News 8%
- Summary Reflection 20%

Rubrics

Each **assignment** description is accompanied by the rubric that is used for grading the assignment. When reading the assignment description, please also read the rubric in detail. It complements the information provided in the assignment description. (eg: **CR1**)

Late Assignment Submission

- The default penalty for late submission of assignments is deduction of **1% of the assignment grade per half-hour**.
- Late submission of each critical reflection on a particular reading is not accepted. Each CR is due immediately before the lecture in which we will discuss the corresponding reading. It would be unfair to submit a CR after we have already discussed the reading in class. CRs give you a chance to practice analyzing and reflecting on the readings *on your own*. **If you miss the deadline, please submit the next critical reflection.**
- Other assignments may indicate in their **assignment description** modified late submission policies.

Time Commitment

In line with the **Guidelines by the Berkeley Academic Senate** (<https://academic-senate.berkeley.edu/coci-handbook/2.3.1>), "a three unit course [...] would have nine hours of total work per week, three of which would be in-class lecture. Students would be expected to do six hours of additional out-of-class work."

Weekly

- 2 hours of lecture + 1 hour of discussion + 6 hours outside of class.
- outside of class:

2 hours | reading and reflecting on assigned reading

+ 1 hour | preparing and discussing the weekly Ethics in the News

+ 3 hours | assignments and self-directed learning

Over the semester

- 26 lectures, 14 discussions, 15 weeks of instruction (including RRR week)
- 129 hours in total
- 89 hours in total outside of regularly scheduled class time

Sleep

Research shows that sleep is essential for learning and for retention of what we learn - here's an [interesting Smithsonian Talk by UC Berkeley faculty Matt Walker, talking about all-nighters and sleep deprivation](https://www.youtube.com/watch?v=kL6iLsNuZhw) (arguably the silent sleep loss epidemic in industrialized nations in an interesting case study for this course). Also a book by the same author: [Why We Sleep](https://search.ebscohost.com/login.aspx?direct=true&db=cat04202a&AN=ucb.b25617436&site=eds-live&authtype=ip,guest&custid=s1226370&groupid=main&profile=eds).

I hope that providing transparency into the time expectations for this course will help towards planning your semester such that you can avoid sleep deprivation. Here are also some resources from UHS: [sleep](https://uhs.berkeley.edu/health-topics/sleep), [sleep download](https://uhs.berkeley.edu/health-topics/sleep/download?download_frd=1), [sleep refresh program](https://uhs.berkeley.edu/counseling/counseling-and-psychological-services-caps/resources/managing-sleep-refresh-program), [sleep refresh program download](https://uhs.berkeley.edu/counseling/counseling-and-psychological-services-caps/resources/managing-sleep-refresh-program/download?download_frd=1).

Berkeley Honor Code

Everyone in this class is expected to adhere to the [Berkeley Honor Code](https://teaching.berkeley.edu/berkeley-honor-code).

“As a member of the UC Berkeley community, I act with honesty, integrity, and respect for others.”

Academic Honesty

[Academic integrity](https://sa.berkeley.edu/conduct/integrity) and ethical conduct are of utmost importance. Work submitted under your name should be your own work. You may not copy others' work without asking permission and giving credit.

- You may cite class and outside of class small group discussions as "in class/small group discussion it was said..."
- Do not attribute names unless given permission by the person whose name you are using.

Principles of Community

The classroom is our learning community. It is the responsibility of everyone that is part of the class to make it an inviting, productive and supportive learning community.

- It should feel like an intellectual playground where it is safe to make mistakes, and productive to learn from them.
- Please support your colleagues at any stage that they may be in their learning process.
- Please invite your colleagues to challenge your perspective so that you may learn more about it. Challenge your own perspective. Seek and welcome diversity of thought and approaches.
- Be polite, and seek to learn from your colleagues how their **definition of politeness may differ from your own**.
- Please be sensitive of **triggering content**. Before bringing into class discussion or online conversation triggering content, please indicate that you will do so. An example may be: "This may be triggering for some people so I will pause to give you a moment to step out if you choose." Example triggering content can be of a violent or sexual nature.
- Contribute to and respect the [Community Guidelines](#).
- Also read the [UC Berkeley Principles of Community](https://diversity.berkeley.edu/principles-community) (<https://diversity.berkeley.edu/principles-community>) [↓](https://diversity.berkeley.edu/principles-community/download?download_frd=1) (https://diversity.berkeley.edu/principles-community/download?download_frd=1)

Schedule

Reading and assignment modifications may be made throughout the semester, to respond to the evolution of the class discussion, and to responses on class assignments. The assignment schedule can also be found here: [Lecture & Assignments Calendar](#) . The Lecture Notes will always remind you of upcoming deadlines in the coming week (e.g. as in [L01](#)).

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
	Syllabus Ethics in the News Assignment	Introduction and Syllabus EiN Assignment Dates	Quiz 1: Syllabus Feedback

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
The Changing Role of the Engineer	Final Syllabus Community Guidelines Critical Reflections Assignment Bateson, <i>“Ecology and Flexibility in Urban Civilization.”</i> Steps to an Ecology of Mind. University of Chicago Press (1972).	Bateson	(optional) Critical Reflection 1 (on Bateson)
The Changing Role of the Engineer		Community Guidelines Bateson	
Critical Thinking	Baillie, C. 2009. Engineering and Society: Working Towards Social Justice, Part I: Engineering and Society. <i>Chapter, 1. “Introduction”</i>	Baillie Discussion Bateson wrap-up Critical Reflections	

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Defining Engineering, and Educating Engineers	Pawley, Alice. 2009. Universalized Narratives: Patterns in How Faculty Members Define “Engineering.” <i>Journal of Engineering Education</i> Oct. 309–319.	Pawley worksheet Concept mapping in groups: What is engineering? Where does ethics fit? Learning proposal assignment	Critical Reflection 2 (on Pawley)
The Responsibility of Engineers	<i>ET&E</i> Chapter 1 – <i>The Responsibility of Engineers</i>		Critical Reflection 3 (on EE Chapter 1)
The Responsibility of Engineers	EE Chapter 1 – <i>The Ethics Gap in Contemporary Engineering</i>	Concept maps: Would you make any changes based on your readings? Ethical problems that involve engineering What do you need to be able to solve these problems?	
	<i>No lecture on Monday</i>		

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Ethical Approaches	EE Chapter 2 – <i>Sociological and Ethical Preliminaries</i> ET&E Chapter 2 – <i>Codes of Conduct</i>	Interview assignment	<i>Learning Proposal</i>

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Ethical Approaches	<p><i>ET&E Chapter 3 – Normative Ethics</i></p> <p><i>Optional additional resources:</i></p> <ul style="list-style-type: none"> • Catalano 2009 - Engineering Society Part 2 (this is second part to the Bailie Reading). Take a look at chapter 6-9 and work through the challenge boxes at the end of each chapter. [pdf posted under Files] • Riley 2013 - Hidden in Plain View: Feminists Doing Engineerin Ethics, Engineers Doing Feminist Ethics - you may choose to submit an optional Critical Reflection on this reading. 	What is ethics?	Longer Quiz
Ethical Approaches	<p>EE Chapter 3 – <i>Fundamental Ethical Responsibilities of Engineers</i></p>		<p>Critical Reflection 4 (on EE Ch. 3)</p> <p>DUE - Submit name of interviewee & date of interview. (postponed from 2/28)</p>

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Ethical Approaches	EE « The FEREs » p 266		
Engineering and Emotions	<i>Roeser, S. 2012. Emotional Engineers: Toward Morally Responsible Design. Science and Engineering Ethics, 18(1):103–115.</i>		DUE Critical Reflection 5 (on Roeser)
Safety and Risk	<i>ET&E Chapter 8 – Ethical Aspects of Technical Risks</i> OPTIONAL READING: Kaplan and Garrick, "On The Quantitative Definition of Risk." <i>Risk Analysis</i> , Vol. I , No. I , 1981.		Longer Quiz DUE - Interview summaries DUE – Mid-term Self-Evaluation Optional Critical Reflection 6 (on Kaplan optional additional reading, related to risk)

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Interviews Discussion Mid-Semester Reflection		Discussion of Interviews Mid-term Evaluations Introduction to group projects	Optional Critical Reflection 7 (on Riley optional additional reading related to Week 7, Normative Ethics)
Safety and Risk	EE p. 273 “Engineering Design.... Ethics of Precaution” EE p. 274 “Normalization of Risk...”	Discussion of Group Projects (continued)	OPTIONAL: Project Proposal Draft for comment. Friday 7pm.
Global Ethics	Downey, G. et al. 2006. The Globally Competent Engineer: Working Effectively with People Who Define Problems Differently. <i>Journal of Engineering Education.</i>	Discuss Portfolios	DUE Monday 10am Critical Reflection 8 (on Downey) Group Project: Draft for Comment

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Global Ethics	<p><i>EE p. 275. "Technology Transfer..."</i></p> <p>EE "Workplace culture..." p279</p>		
Philosophy of Technology	Vermaas et al., <i>A Philosophy of Technology</i> . Chapter 1 & 3 – Technical Artifacts; Ethics and Designing		<p>DUE (optional) Critical Reflection 9 (on Vermaas)</p> <p>Group Project: Peer Review</p>
Philosophy of Technology			
Information Presentation	<i>Tufte "PowerPoint Does Rocket Science: Assessing the Quality and Credibility of Technical Reports"</i>		DUE (optional) Critical Reflection 10 (on Tufte)
Case Studies			Group Project: Final Write-up

MODULE	READINGS (To be done before class)	Class activities	Relevant Assignments
Design	<i>ET&E Chapter 6 – Ethical Questions in the Design of Technology</i> EE Design for..., p 282		
Design			
Making a Contribution		Group Projects Discussion	Group Project: Civic Engagement
Summary	EE Ch 7, p 307-311		(Optional: Final Reflection Draft for Comment)
		Portfolio Discussions	(Optional: Final Reflection Peer Review)
			DUE - Summary Reflection and Portfolios Due Tuesday, May 11th at 3pm

Course Summary:

Date	Details	Due
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Date	Details	Due
Fri Jan 22, 2021	 <u>L01 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8233315	due by 10am
	 <u>Quiz 1: Syllabus Feedback</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8210815	due by 10am
Mon Jan 25, 2021	 <u>CR 1: Bateson</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8210842	due by 10am
	 <u>EiN00A Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8235511	due by 10am
Wed Jan 27, 2021	 <u>L02 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8237191	due by 10am
Mon Feb 1, 2021	 <u>EiN00B Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8240010	due by 10am
Wed Feb 3, 2021	 <u>CR 2: Pawley</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8236018	due by 10am
	 <u>L04 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8241495	due by 10am
Fri Feb 5, 2021	 <u>L05 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8242523	due by 10am
Mon Feb 8, 2021	 <u>EiN01 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8243742	due by 10am
Wed Feb 10, 2021	 <u>CR 3: McGinn Chapter 1</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8240885	due by 10am
	 <u>L06 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8244635	due by 10am
Fri Feb 12, 2021	 <u>L07 Participation Form</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8245613	due by 10am
	 <u>Quiz 2: The Responsibilities of Engineers</u> https://bcourses.berkeley.edu/courses/1501913/assignments/8244929	due by 10am

Date	Details	Due
Wed Feb 17, 2021	 EiN02 Participation Form (https://bcourses.berkeley.edu/courses/1501913/assignments/8246578) 	due by 10am
	 Learning Proposal (https://bcourses.berkeley.edu/courses/1501913/assignments/8210859) 	due by 10am
Fri Feb 19, 2021	 L08 Participation Form (https://bcourses.berkeley.edu/courses/1501913/assignments/8247754) 	due by 10am
	 Quiz 3: Codes of Ethics 1 (Corrected) (https://bcourses.berkeley.edu/courses/1501913/assignments/8247775) 	due by 10am
Mon Feb 22, 2021	 EiN03 Participation Form (https://bcourses.berkeley.edu/courses/1501913/assignments/8248871) 	due by 10am
	 Quiz 4: Codes of Ethics and Sociological and Ethical Preliminaries (https://bcourses.berkeley.edu/courses/1501913/assignments/8210807) 	due by 10am
Wed Feb 24, 2021	 CR 4: McGinn Chapter 3 (https://bcourses.berkeley.edu/courses/1501913/assignments/8240886) 	due by 10am
	 Interviewee Name (https://bcourses.berkeley.edu/courses/1501913/assignments/8210810) 	due by 10am
	 L09 Participation Form (https://bcourses.berkeley.edu/courses/1501913/assignments/8249505) 	due by 10am
Fri Feb 26, 2021	 Ethics in the News Analysis (https://bcourses.berkeley.edu/courses/1501913/assignments/8210852) 	due by 10am
	 L10 Participation Form (https://bcourses.berkeley.edu/courses/1501913/assignments/8250682) 	due by 10am
Mon Mar 1, 2021	 EiN04 Participation Form (https://bcourses.berkeley.edu/courses/1501913/assignments/8251264) 	due by 10am
	 Quiz 5: Normative Ethics (https://bcourses.berkeley.edu/courses/1501913/assignments/8210809) 	due by 10am

Date	Details	Due
Wed Mar 3, 2021	 CR 5: Roeser https://bcourses.berkeley.edu/courses/1501913/assignments/8210846	due by 10am
	 L11 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8251817	due by 10am
Fri Mar 5, 2021	 L12 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8252781	due by 10am
Mon Mar 8, 2021	 EiN05 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8253369	due by 10am
	 Interview Reflection https://bcourses.berkeley.edu/courses/1501913/assignments/8210858	due by 10am
Wed Mar 10, 2021	 L13 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8254069	due by 10am
	 Mid-Term Self-Evaluation https://bcourses.berkeley.edu/courses/1501913/assignments/8210860	due by 10am
Fri Mar 12, 2021	 CR 6: Optional: Fukushima Daiichi https://bcourses.berkeley.edu/courses/1501913/assignments/8251811	due by 10am
	 L14 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8254821	due by 10am
	 Quiz 6: Risk https://bcourses.berkeley.edu/courses/1501913/assignments/8253901	due by 10am
Mon Mar 15, 2021	 CR 7: Optional Reading: Social Experiments, intergenerational justice and emotions https://bcourses.berkeley.edu/courses/1501913/assignments/8253918	due by 10am
	 EiN06 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8255809	due by 10am
Wed Mar 17, 2021	 CR 8: Downey https://bcourses.berkeley.edu/courses/1501913/assignments/8257537	due by 10am

Date	Details	Due
	 L15 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8256632	due by 10am
Fri Mar 19, 2021	 Group Project Draft for Comment https://bcourses.berkeley.edu/courses/1501913/assignments/8210855	due by 10am
	 L16 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8258435	due by 10am
Mon Mar 29, 2021	 EiN07 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8259057	due by 10am
	 CR 9: Riley https://bcourses.berkeley.edu/courses/1501913/assignments/8258990	due by 10am
Wed Mar 31, 2021	 Group Project Peer Review Grade https://bcourses.berkeley.edu/courses/1501913/assignments/8257541	due by 10am
	 L17 Participation Form https://bcourses.berkeley.edu/courses/1501913/assignments/8260313	due by 10am
Mon Apr 5, 2021	 CR 10: Varmaas https://bcourses.berkeley.edu/courses/1501913/assignments/8258991	due by 10am
Mon Apr 26, 2021	 Civic Engagement https://bcourses.berkeley.edu/courses/1501913/assignments/8210840	due by 10am
Fri Apr 30, 2021	 Ethics in the News Peer Review https://bcourses.berkeley.edu/courses/1501913/assignments/8210853	due by 10am
Fri May 7, 2021	 Absence Make-up 1: Reflection on lecture/event https://bcourses.berkeley.edu/courses/1501913/assignments/8210828	due by 11:59pm
	 Absence Make-up 2: Reflection on lecture/event https://bcourses.berkeley.edu/courses/1501913/assignments/8233622	due by 11:59pm
Mon May 10, 2021	 CR 11: https://bcourses.berkeley.edu/courses/1501913/assignments/8259092	due by 10am

Date	Details	Due
Tue May 11, 2021	 <u>Final Reflection and Porfolio</u> (https://bcourses.berkeley.edu/courses/1501913/assignments/8210854)	due by 3pm
	 <u>CR Overall Grade</u> (https://bcourses.berkeley.edu/courses/1501913/assignments/8210851)	