

CSC 208-602 Ethics in Technology 10:10 - 11:40 am

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Homepage: <https://condor.depaul.edu/psisul> (then select course)

Office Hours:

Tuesday 2:00-3:30 pm online

Wednesday 2:00 – 3:30 pm online

Course information can be found on D2L: <https://d2l.depaul.edu/>

Contact Information

I will use email to communicate with the class. **Subject of your email should be formatted as follows:**

CSC 208 – *602*, *your last name*, *your first name* and purpose of email

Summary of the course

Computing Technology and the rapid pace in which it has advanced have had a tremendous impact on our lives. Changes have been swift and the human capacity to deal them limited. It has been said that our technology has outpaced our humanity. This course will research the new responsibilities technology presents and our ability to deal with these changes in an ethical manner. Students will employ a framework for ethical analysis, which integrates computer science and ethics, to develop the skills required to examine different sets of assumptions and question them, resulting in an informed evaluation of issues. Philosophies covered: Kant, social contract, Rawls, moral rights, virtue ethics, Mill's harm principles, Feinberg's offense principle and utilitarianism.

Prerequisites

No previous knowledge of computers or philosophy is assumed, or necessary.

Philosophical Inquiry Learning Domain Description & Learning Outcomes

PI Learning Outcomes

1. Students will be able to address, critically think about, and analyze philosophical questions and problems.

Students will develop these skills through writing analytical papers, weekly writing submissions, class discussion, midterm essay, and a final project requiring the writing of a personal code of ethics.

2. Students will be able to evaluate philosophical questions, issues and/or problems using informed judgment.

Students will develop these skills through writing analytical papers, weekly writing submissions, class discussion, midterm essay, case studies, current events, and a final project requiring the writing of a code of ethics.

3. Students will be able to analyze and interpret the methods used by philosophers in addressing philosophical questions, issues, and/or problems.

Students will develop these skills through readings, writing analytical papers, weekly writing

submissions, class discussion, midterm essay, and a final project requiring the writing of a personal code of ethics.

4. Students will be able to engage with philosophical topics and characters in their historical context. Students will develop these skills through weekly reading responses and class online discussion.

5. Confront and interpret primary texts from the philosophical tradition.

Students will read sections of original works and discuss them online and analyze them in weekly reading responses.

6. Students will be able to write an analytic essay treating a philosophical question, issue and/or problem that forwards an identifiable thesis, argument, and conclusion.

Students will write an analytical paper, midterm essay, and a Final Project.

PID Writing Expectations

Students will be expected to complete a minimum of 10 pages of writing for this course. This writing may take the form of essays, response papers, reading journals, take-home essay exams, critical analyses, etc. At least one assignment should involve revision, which may count (but only once, not twice) towards the 10-page minimum.

Students will meet this requirement by weekly reading responses, a midterm essay, posted quizzes (not taken with quiz section of D2L) and a Final Project.

Other Course Objectives

Self-Reflection — Students will examine their own use of technology, explore their own feelings regarding ethical computing issues, recognize that these issues are applicable to their everyday lives and in a range of professional fields, and reflect on how the process of using established ethical frameworks supports, or challenges, their feelings about issues.

Develop Skills Most Sought After by Employers — **Most Valuable Career Skills of 2017**

By Rebecca Lake: <https://www.investopedia.com/personal-finance/most-valuable-career-skills/>

Textbooks

Required

1. **Print** edition of: Birsch, Douglas. (2014) Introduction to Ethical Theories, A Procedural Approach. IL:Waveland Press, Inc. ISBN: 1-4786-0670-3; ISBN: 978-1-4786-0670-3 <https://waveland.com/browse.php?t=628>
2. (Free Online) Abelson & Ledeen & Lewis (2008) Blown to Bits: Your Life, Liberty, and Happiness After the Digital Explosion. NY:Addison-Wesley Professional, ISBN 0137135599. Download for free at: <http://www.bitsbook.com/>
3. Handouts/links for original texts. Mostly from D2L content.
4. Access to the news. Possible sources: New York Times, Chicago Tribune, The Wall Street Journal, CNN, MSN, Time, Newsweek, PC World, or online newsgroups. You may find newspapers, journals, and magazines at the library or online.

Supplemental

1. Optional purchase: Quinn, M. J. (2017) Ethics for the Information Age, 7th edition. NY: Pearson/Addison Wesley. ISBN-13: 978-0-13-429654-8; PowerPoint slides will be provided on D2L.
<http://www.mypearsonstore.com/bookstore/ethics-for-the-information-age-0134296540>

Recommended

1. A USB drive or other document storage method.
2. Lunsford, Andrea A. (2015) The St. Martin's Handbook. 8th, NY: Bedford Publishing. ISBN-10: 1-4576-6724-X; ISBN-13: 978-1-4576-6724-4
This text is used in DePaul's required writing classes (WRD 103 and 104) and every student should have a copy. It is also available at DePaul's library.
3. A dictionary and thesaurus, which can be found at the library, online or by means of text-processing app.

Classroom & Grading Policies

Attendance: Attendance is 10% of your total grade. Attendance will be tabulated on Friday of each week, at the end of the day. There will be a checklist of tasks to do each week, some are readings, assignments or a lab or some other activity. Every student will submit this 'report' on Friday and should check at least two of these items per week. This will provide a possible total of 20 points for attendance. One-half of this number will constitute a possible 10 points for your attendance score for the quarter. Special consideration will take precedence for students that begin the quarter late for some good reason (such as, being out of town, being on the wait list, etc.). An end of the quarter score of less than 6 out of 10 **may** constitute failure for the course.

Note: the following sections may have references to in-class procedures. Please disregard or apply them when you email voice recordings to me or the class when we are engaging in discussions that have audio sources as well.

Class Discussion: Student participation in class discussions will be measured in two ways. First, students are highly encouraged to ask questions and offer comments relevant to the day's topic. Participation allows the instructor to "hear" the student's voice when grading papers. Secondly, students will be called upon by the instructor to offer comments related to the reading assignments. Students must keep up with the reading to participate in class discussion.

Attitude: A professional and academic attitude is expected throughout this course. Measurable examples of non-academic or unprofessional attitude include but are not limited to: talking to others when the instructor is speaking, mocking another's opinion, cell phones ringing, emailing, texting or using the internet whether on a phone or computer. If any issues arise a student may be asked to leave the classroom. The professor will work with the Dean of Students Office to navigate such student issues.

Civil Discourse: DePaul University is a community that thrives on open discourse that challenges students, both intellectually and personally, to be Socially Responsible Leaders. It is the expectation that all dialogue in this course is civil and respectful of the dignity of each

student. Any instances of disrespect or hostility can jeopardize a student's ability to be successful in the course. The professor will partner with the Dean of Students Office to assist in managing such issues.

Laptops/Cell Phones/On Call: [When applicable.] Out of respect for others in the class, please remember to turn off all electronic devices during class. You may **not** tape the classes. If you bring a cell phone to class, it must be off or set to a silent mode. Should you need to answer a call during class, students must leave the room in an undistruptive manner. Out of respect to fellow students and the professor, texting is never allowable in class. If you are required to be on call as part of your job, please advise me at the start of the course.

Late work policy – Except for current events that may not be turned in late, work submitted after the due date will be **penalized 10%.** **No late work will be accepted more than 1 week past the submission due date. Any work due during the 10th week of the quarter is due by the last day our class meets, no later.** At the end of the quarter, **your lowest current event grade will be dropped.**

Religious Observations & School Activities

I will make accommodations to allow students to fully express their faith. Please let me know in advance by email if you will be absent, or need extensions on assignments, due to religious observations.

I will make every effort to accommodate student participation in school activities, such as athletic competitions. Please let me know in advance by email if you will be absent, or need extensions on assignments, due to school activities.

Resources for Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately, during office hours, to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at: Student Center, LPC, Suite #370

Phone number: (773)325.1677; Fax: (773)325.3720; TTY: (773)325.7296.

Academic Policies/Absences

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the [University Academic Calendar](#). Information on enrollment, withdrawal, grading and incompletes can be found at: <https://www.cdm.depaul.edu/Current%20Students/Pages/Enrollment-Policies.aspx>
Also see Important Dates listed at the end of this syllabus.

In the case of illness, or other excused absences, a student may contact the Dean of Students to request a formally approved absence. Upon receipt of documentation, the dean's office will notify all instructors of the student that an approved absence has occurred. The notification will

maintain student privacy by not including the reasons for the absence. Contact information may be found at: <http://studentaffairs.depaul.edu/dos/contactus.html>

Assignments and Grading

Detailed instructions for all assignments will be posted on D2L. Note: all assignments should be submitted as an MS Word document or as a PDF file. DO NOT submit any PAGES files.

The class consists of Computer Science (CS) majors and Non-CS majors. Although the level of technical content will be kept low, there will, at time, be supplementary reading list for CS majors. Note, the most effective way to learn to think critically is in small groups. If you find it useful to set up your own small groups, you may do so.

10% – Four Labs designed to be completed during class (Meets PID Learning outcomes #1–6). We will not have any special online materials on these 4 days (which will be Wednesdays). There are always materials for the given week available through the Course D2L site. Online discussion should be open for these lab classes during the regular class time: 10:10 – 11:40 am. I will be monitoring the discussions/emails during this time.

20% – Reading Responses/ 3-5 Quizzes/HW (Meets PID LOs #1–6). Reading Responses Questions on the reading assignments will be posted on the course D2L website and are due at the start of class or as otherwise indicated. In this section are also included a movie review assignment and a reflective essay.

10% – Approximately 5–9 Current Events (Meets PID LOs #1 & 2). See week 3 for criteria for Current Events assignment. Current Events **may not** be submitted late.

20% – Midterm Paper with mandatory rewrite and presentation (Meets PID LOs #1–6 and the writing requirement). One 10-page (doubled spaced) ethical analysis paper on an approved, relevant issue (topic) explicitly applying the ethical theories in order to compare philosophies. This is an individual assignment. The first draft of your paper is worth 50 points; you will receive full credit for a **complete draft** submitted by the due date. Complete means: on-time and not missing any components. The final draft/rewrite is worth 100 points. I will explicitly look for improvements in your rewrite.

30% – Take home Final Exam (Meets PID LOs #1–6). Students will write their own personal code of ethics annotated with justification using the procedures studied (approximately 5 pages, single spaced).

10% – Attendance and Class Participation (PID LOs #1–6). See policies above.

Grading Scale:

A 93–100	B+ 87–89	C+ 77–79	D+ 67–69
A- 90–92	B 83–86	C 73–76	D 60–66
	B- 80–82	C- 70–72	F 0–59

Week-By-Week Guide (subject to change)

This syllabus is subject to change as necessary during the quarter.
Check for changes, assignments, and due dates on D2L.

Week 1 March 30 & April 1

Introduction to course; review syllabus; a brief history of computing.

Reading assignments will be posted on D2L.

Birsch, Chapter 1. Woodford, Chris. (2016, January 9). A Brief History of Computers. A link to this document is found in D2L Week 1 references. Based on 'explainthatstuff.com'.

Some video clips may also be available.

Week 2 April 6 & 8

This week, reading and response questions will be posted on D2L, but will not be collected.

Read Quinn, Chapter 2. An introductory examination of ethical issues, philosophical theories, and ethical procedures used for ethical analysis. Some video clips will also be made available.

Week 3 April 13 & 15. Lab 1 will take place on Wednesday, Apr 15.

****Reading Response #3 due April 16 to D2L.** Reading assignments will be posted on D2L.

Readings include, but are not limited to, Birsch Chapter 7 Moral Rights Theory; sections of Jean-Jacques Rousseau, *The Social Contract*; Rawls's Theory of Justice; John Stuart Mill's Harm Principle; Joel Feinberg's Offense Principle.

The current events assignments will be explained this week.

Lab 1: On Wednesday, April 15, you can work on Lab 1. Work at home or in whatever space you have access to a computer. Instructions for Lab 1 can be found in D2L. I will be available for class questions or email during the scheduled class time.

Topic: Fake news and freedom of speech; Rousseau; Mill; Feinberg. **LAB 1 DUE: April 20**

Week 4 April 20 & 22. Lab 2 this week on Wednesday, Apr 22

****Reading Response #4 due April 23 to D2L.** Reading assignments will be posted on D2L.

Readings include, but are not limited to, Birsch, Chapter 8 Aristotle's Ethical Theory; Birsch, pages 76-77 and Rule Utilitarian pages 83-84; John Stuart Mill (1863) Utilitarianism (find this document in D2L Content "From the Horse's Mouth")

Current Events assignment #1 due **April 24**.

Lab 2: On Wednesday, April 22, you can work on Lab 2. Work at home or where you have access to a computer. Instructions for Lab 2 can be found in D2L. I will be available for class questions or email during the scheduled class time.

Topic: Intellectual Property; Virtue Ethics; Rule Utilitarianism. **LAB 2 DUE: April 27**

Week 5 April 27 & 29. Lab 3 this week on Wednesday, Apr 29

****Reading Response #5 due April 30 to D2L.** Reading assignments will be posted on D2L.

Readings include, but are not limited to, sections of Bentham's *Introduction to the Principles of Morals and Legislation*; Quinn's PP Chapter 8; **skim** Abelson & Ledeen & Lewis, Chapter 4.

Current Events assignment #2 due **May 1**.

Lab 3: On Wednesday, April 29, you can work on Lab 3. Work at home or where you have access to a computer. I will be available for discussions or email during the scheduled class time.

Topic: Computer Reliability and Network Security **LAB 3 DUE: May 4**

Week 6 May 4 & 6. Lab 4 this week on Wednesday, May 6 (the last lab).

****Reading Response #6 due May 7 to D2L.** Reading assignments will be posted on D2L. This is the last Reading Response to be submitted to D2L.

Readings include, but are not limited to, Birsch Chapter 6; Abelson & Ledeen & Lewis pages 32–35; Sections from Kant’s Groundwork for the Metaphysic of Morals; Quinn’s PPs for Chapters 5 & 6. This is the **last** Reading Response to be submitted to D2L.

Lab 4: On Wednesday, May 6, you can work on Lab 4. Work with a computer on your own. I will be available for discussions or email during the scheduled class time.

Topic: Information Privacy and Government Privacy; Kant **LAB 4 DUE: May 11**

Week 7 May 11 & 13 – YouTube movie to watch on Wednesday this week.

Decision Making; Professional Ethics; Work and Wealth; Current Events.

Reading assignments and response questions will be posted on D2L.

Readings include, but are not limited to, Birsch, Chapter 4 & 10; Ethics of Whistleblowing Link posted on D2L.

Current Events assignment #3 due **May 15**.

Movie to be viewed on May 13: *The Traveling Salesman*. See D2L week 7 for link to watch the movie. Runtime: about 82 minutes. I will monitor discussion/email during class time on this day, but no scheduled presentations by me will happen.

Movie Review is due **May 18**

Week 8 February 25 & 27

Reading assignments and response questions will be posted on D2L. No reading responses to submit.

Explanation of Final Project, your take-home Final Exam.

Current Events #4 is due **May 22**

Week 9 May 25 Memorial Day holiday: Class on Wednesday, May 27

<TBA>

Current Events #5 is due **May 29**

Week 10 June 1 & 3

<TBA>

Reflective Essay is due **June 3**.

Current Events #6 is due **June 4**.

Final Exam is due During Finals week; details will be posted on D2L.

EXAM DAY

Wednesday, June 10. Due before 11:30 pm. You do not need to be in class for this. You will submit your Final Project to D2L before 11:30 pm on June 10 – no later.

Important Dates – Spring Quarter 2020

March 28, Saturday: Begin spring quarter classes

April 3, Friday (11:59 pm): last day to add classes

April 10, 11, 12: University Holy Week holidays, Friday, Saturday and Sunday
University is closed on these 3 days.

April 13, Monday: last day to drop classes with no penalty

April 14, Tuesday: last day to select pass/fail option

May 15, Friday: last day to withdraw from winter quarter classes

May 25, Monday: university closed, Memorial Day Holiday

June 5, Friday: end of spring quarter day and evening classes

June 6, Saturday: begin spring quarter day and evening Final Exams

June 12, Friday: Baccalaureate Mass in St. Vincent's Church

June 12, Friday: end of spring quarter Final Exams

June 13, Saturday: Commencement

June 14, Sunday: Commencement

June 19, Friday (11:59 pm): grades due s[romg quarter 2020

University Policies

Incomplete Grades

An incomplete grade is given only for an exceptional reason such as a death in the family, a serious illness, etc. Any such reason must be documented. Any incomplete request must be made at least two weeks before the final and approved by the Dean of the College of Computing and Digital Media. Any consequences resulting from a poor grade for the course will not be considered as valid reasons for such a request.

Academic Integrity Policy

This course will be subject to the faculty council rules on the [Academic Integrity Policy](#) web site.

Plagiarism

The university and school policy on plagiarism can be summarized as follows: Students in this course, as well as all other courses in which independent research or writing play a vital part in the course requirements should be aware of the strong sanctions that can be imposed against someone guilty of plagiarism. If proven, a charge of plagiarism could result in an automatic F in the course and possible expulsion. The strongest of sanctions will be imposed on anyone who

submits as his/her own work a report, examination paper, computer file, lab report, or other assignment which has been prepared by someone else. If you have any questions or doubts about what plagiarism entails or how to properly acknowledge source materials be sure to consult the instructor.

Online Course Evaluations

Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to providing you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Students complete the evaluation online using [Campus Connect](#).