



National Taiwan University of Science and Technology

2020 Summer Program

PHIL 200 Introduction to Logic

Course Outline

Term: June 22-July 17, 2020

Class Hours: 10:30-13:00 (Monday through Friday)

Course Code: PHIL 200

Instructor: Oidinposha Imamkhodjaeva

Home Institution: Penn State University at University Park

Office Hours: TBA

Email: oui2@psu.edu

Credit : 4

Class Hours: This course will have 72 class hours, including 40 lecture hours, 10 lecturer office hours, 10-hour TA discussion sessions, 2-hour review sessions, 10-hour extra classes.

Course Description:

Students will learn the tools and methodologies of critical thinking including the validity, soundness, and fallacies of everyday language use and reasoning; informal logic; and manipulative arguments and propaganda.

Course Outcomes: By the end of this course, it is our belief that you will know yourself, understand the language you speak and read and write, and navigate the world you live in--better.

Required Texts: Your e-textbook Logical Reasoning by Bradley H.Dowden located under file tab.

- Students are responsible for either printing out or saving the course readings to their computers

What is Argument? <https://plato.stanford.edu/entries/logic-informal/>

Arnauld, Antoine, and Pierre Nicole, 1662. Logic, or, The Art of Thinking, Thomas Spencer Baynes (trans.), Edinburgh: Sutherland and Knox, 1850; scan available online.

Battersby, Mark and Sharon Bailin, 2011. "Fallacy identification in a dialectical approach to teaching



critical thinking,” OSSA Conference Archive, Windsor: University of Windsor. available online.

See: <http://scholar.uwindsor.ca/ossaarchive/OSSA9/papersandcommentaries/43/>

Crews-Anderson, Timothy A. Critical Thinking and Informal Logic Tirril, Penrith : Humanities-Ebooks. 2007

See: <http://ezaccess.libraries.psu.edu/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=373337&site=ehost-live&scope=site>

Groarke, Leo, 2015. “Going Multimodal: What is a Mode of Arguing and Why Does it Matter?”, Argumentation, 29(2): 133–155, available online.

See: <http://link.springer.com/article/10.1007/s10503-014-9336-0>

1996 [2014]. The Rise of Informal Logic, Newport News, VA: Vale Press (1996); Digital edition, University of Windsor: Windsor Studies in Argumentation, 2014.

See: <https://windsor.scholarsportal.info/omp/index.php/wsia/catalog/book/9>

Kjeldsen, Jens, 2015. “The Study of Visual and Multimodal Argumentation,” Argumentation, 29(2): 115–132, available online.

See: <http://link.springer.com/article/10.1007/s10503-015-9348-4/fulltext.html>

Course Policies:

Attendance: Students are expected to attend every class and arrive to class on time. Remember that each class period is going to cover almost as much material as a 16-week class would cover in a week. Arriving late will result in a 2% penalty to semester grade per class. An unexcused absence will result in a 5% penalty to semester grade, and only 1 absence for the semester can be excused, regardless of reason.

Recordings: Students are allowed and even encouraged to record lectures if they wish.

Academic dishonesty: any student found to have cheated on an exam will get an F for that exam. Cheating on more than 1 exam will automatically result in a failing grade for the course.

Grading & Evaluations:

Weekly submission of two questions on Canvas Discussion Board (each 0.5%) 13%

Two replies to two classmates’ on Canvas Discussion Board (each 4 %) 8 %

Two replies to your instructor’s questions on week 2 & 4 (each 12%) 24%

Four Quizzes (5% each): 20%



Final Class Presentation: 20%

Class Attendance & Participation: 15%

Grade	Quality Points	Percentage
A	4.0	93.0%-100%
A-	3.67	90.0%-92.9%
B+	3.33	87.0%-89.9%
B	3.00	83.0%-86.9%
B-	2.67	80.0%-82.9%
C+	2.33	77.0%-79.9%
C	2.00	73.0%-76.9%
C-	1.67	70.0%-72.9%
D+	1.33	67.0%-69.9%
D	1.00	60.0%-66.9%
F	0	59.9 or below

Course Schedule:

Week1

June 22 Critical Thinking

June 23 Arguments

June 24 Deductive Arguments

June 25 Inductive Arguments

Week 2

June 29 Extended Arguments

June 30 Argumentative Essays

July 1 Generalizations

July 2 Sources



Week 3

July 6 – Some General Rules

July 7 – Arguments by Analogy

July 8 – Modes ponens

July 9 -Modus tollens

Week 4

July 13 – Some Common Fallacies

July 14 - Definitions

July 15 – Oral Arguments

July 16 – Reductio ad absurdum