

Basic Course Information

Semester:	Fall 2025	Instructor Name:	Dr. Matthew Egan
Course Title & #:	Logic, PHIL 106	Email:	mathew.egan@sandiego.edu
CRN #:	10618	Webpage (optional):	
Classroom:	Real Time Online Zoom	Office #:	
Class Dates:	Aug. 11-Dec. 6	Office Hours:	Mondays, 1:15-2:15pm, by email
Class Days:	Mondays and Wednesdays	Office Phone #:	
Class Times:	11:20 am-12:45 pm	Emergency Contact:	
Units:	3	Class Format/Modality:	RT Online Zoom

Course Description

An introduction to deductive and inductive logic. Attention focused upon the relationship between logic and language fallacies, and the use of logic in everyday life. (CSU/UC)

Course Prerequisite(s) and/or Corequisite(s)

ENGL C1000

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Distinguish the four types of arguments.
2. Locate fallacious reasoning.
3. Describe various ethical positions.

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Develop critical thinking by analyzing arguments and critically evaluation their strengths and weaknesses via written papers.
2. Recognize credible sources and how to use them in research.
3. Describe the various kinds of deductive arguments.
4. Understand the various forms of inductive arguments.
5. Distinguish the various forms of conditional argument.
6. Determine the validity of various arguments involving truth tables.
7. Understand the rules for writing a good and valid argument.
8. Distinguish the various types of ambiguity and vagueness.
9. Recognize the various kinds of informal fallacies.



Textbooks & Other Resources or Links

Patrick J. Hurley, Watson, Lori, *A Concise Introduction to Logic, 13th Edition* (2018), Cengage Learning.
ISBN: 9781305958098.

Course Requirements and Instructional Methods

Your course grade will be determined by online tests and participation. [See next section for precise breakdown.] You will have reading assignments and homework problems for each class, and you are expected to do them in preparation for each class. Assignments will be stated in class and posted on our course Canvas site.

Class will include both a lecture and a discussion/practice component.

Course Grading Based on Course Objectives

Exams: 90% of course grade

You will have 3 online, timed exams, each worth 30% of your course grade. 2 will be midterm exams; 1 a final exam. Dates for each exam are in the “Other Course Information” section below. These will test your understanding of basic concepts, arguments, individuals, and philosophies covered in class and the readings. You are responsible for all the assigned readings and what we discuss in class. Each test will be made available on our course Canvas site the day assigned to it below, and you must complete it that day and in the allotted time (otherwise, penalties will be assessed). **NO OUTSIDE RESOURCES (e.g., the textbook, another text or writing, any online resource, AI tools, another student, or any other individual) ARE PERMITTED.** Further details of these tests will be provided in class as the tests approach.

Attendance: 10% of course grade

You may miss 2 classes during the semester without penalty – these are for sickness, conflicting appointments that you can’t reschedule, family emergencies, or for a day you just need to unwind, etc. After that, each unexcused absence will subtract 0.5% from your 10% maximum for your attendance portion of the course grade (or 5% from your attendance grade, conceived on its own on a scale from 0%-100%).

To get credit for attending a given class, you must sign in for that class and be visibly present (with your camera on) for the entire class. You must also pay attention to lecture and class discussion. Moreover, you will not receive credit for a day’s attendance if you are distracting to me or to other classmates, e.g., by having side conversations or messaging (even about the course material) apart from our class discussion.

If you have questions about something said in class, or about a topic we are currently discussing, please raise your hand and we can discuss it as a class. Otherwise, it is disrespectful to me and to other students, it interrupts concentration and the flow of thought, and it ultimately wastes class time.

Homework:

Homework will not count directly toward your grade, but you are expected to do it on time and do it consistently, and it is important that you do so. If you do not, you will not do well on the exams. Like success in studying math or a foreign language, success in studying logic requires a lot of repetition over extended periods of time. There will be plenty of opportunity for homework to be discussed in class, though we may not have time to cover all homework exercises in class. You are always welcome to come see me in office hours or email me for further questions about the homework.

Participation:

For students who participate consistently and contribute positively to class discussion, I reserve the right to reward them with bonus points. For students who are distracting to me or other classmates, e.g., by talking to

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others in class apart from our class discussion (even with other students about our class), by surfing the web, by being on non-essential electronic devices, etc., I reserve the right to subtract points from their final grade.

Grading Scale:

A	≥93%
A-	90-92%
B+	88-89%
B	83-87%
B-	80-82%
C+	78-79%
C	73-77%
C-	70-72%
D	60-69%
F	≤59%

Academic Honesty (Artificial Intelligence -AI)

IVC values critical thinking and communication skills and considers academic integrity essential to learning. Using AI tools as a replacement for your own thinking, writing, or quantitative reasoning goes against both our mission and academic honesty policy and will be considered academic dishonesty, or plagiarism unless you have been instructed to do so by your instructor. In case of any uncertainty regarding the ethical use of AI tools, students are encouraged to reach out to their instructors for clarification.

Accessibility Statement

Imperial Valley College is committed to providing an accessible learning experience for all students, regardless of course modality. Every effort has been made to ensure that this course complies with all state and federal accessibility regulations, including Section 508 of the Rehabilitation Act, the Americans with Disabilities Act (ADA), and Title 5 of the California Code of Regulations. However, if you encounter any content that is not accessible, please contact your instructor or the area dean for assistance. If you have specific accommodations through **DSPS**, contact them for additional assistance.

We are here to support you and ensure that you have equal access to all course materials.

Course Policies

You are expected to attend class, be on time, be prepared, be fully dressed, have your camera on, click the button to raise your hand if you have a question or comment, be respectful of others' opinions and time talking, including the instructor, and complete all requirements. No plagiarism or cheating of any kind will be tolerated – you will receive a 0 for that assignment, in addition to the college's disciplinary actions.

Other Course Information

Key Dates:

Monday, 08/11: First day of class

Monday, 09/01: NO CLASS (Labor Day)

Monday, 09/15: MIDTERM EXAM 1

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Monday, 10/20: MIDTERM EXAM 2

Monday, 11/10: NO CLASS (Veteran Day)

Monday, 11/24, Wednesday 11/26: NO CLASS (Thanksgiving Break)

Wednesday, 12/03: Last day of class; FINAL EXAM

Financial Aid

Your Grades Matter! In order to continue to receive financial aid, you must meet the Satisfactory Academic Progress (SAP) requirement. Making SAP means that you are maintaining a 2.0 GPA, you have successfully completed 67% of your coursework, and you will graduate on time. If you do not maintain SAP, you may lose your financial aid. If you have questions, please contact financial aid at finaid@imperial.edu.

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

- Unless otherwise stated, all readings will be from our course textbook.
- Reading and homework assignments will be stated in class and posted on our course Canvas site, under “Pages,” then “Assignments”.
- I do not provide a detailed schedule because each class has a bit different pace. However, I will give you each week’s assignments with plenty of advanced notice.

Date or Week	Activity, Assignment, and/or Topic	Homework
Week 1 August 11, 13	Syllabus & Introduction For 08/13: Read “Why Study Logic?” (xxii-xxiv), 1.1 and 1.2	Do Exercise 1.1 (I: 3, 6, 9, 14, 23; II: 2, 3, 5, 6, 8, 9).