

PHI 103: Principles of Sound Reasoning

Course and Faculty Information

Course Description: Fallacies, validity, and soundness of arguments. May include syllogistic, elementary symbolic, inductive logic, and scientific method.

Credits: 3

Prerequisites: ENG 101, 105 or 107 with C or better OR Visiting University Student

Instructor: Dr. Andrew Khoury

Contact Info: andrew.khoury@asu.edu

Office Hours: Arranged via email

Course Text: Hurley and Watson, *A Concise Introduction to Logic* 13th Edition. Cengage Learning. ISBN-13: 978-1305958098

Course Overview

The point of the course is to develop and fine tune the critical reasoning skills of students. This will be done through the critical evaluation of both the form and content of arguments. This course satisfies the Literacy and Critical Inquiry (L) requirement.

Course Learning Outcomes

At the completion of this course, students will develop competence in:

- the basic concepts of logic
- meaning and definition
- informal fallacies
- categorical propositions
- categorical syllogisms
- propositional logic

- natural deduction

Course Access

Your ASU courses can be accessed by both my.asu.edu and myasucourses.asu.edu; bookmark both in the event that one site is down.

Computer Requirements

This is a fully online course; therefore, it requires a computer with internet access and the following technologies:

- Web browsers ([Chrome](#), [Mozilla Firefox](#), or [Safari](#))
- [Adobe Acrobat Reader](#) (free)
- [Adobe Flash Player](#) (free)
- Webcam, microphone, headset/earbuds, and speaker
- Microsoft Office ([Microsoft 365 is free](#) for all currently-enrolled ASU students)
- Reliable broadband internet connection (DSL or cable) to stream videos.

Note: A smartphone, iPad, Chromebook, etc. will not be sufficient for completing your work in ASU Online courses. While you will be able to access course content with mobile devices, you must use a computer for all assignments, quizzes, and virtual labs.

Help

For technical support, use the Help icon in the black global navigation menu in your Canvas course or call the ASU Help Desk at +1-(855) 278-5080. Representatives are available to assist you 24 hours a day, 7 days a week.

Student Success

To be successful:

- check the course daily
- read announcements
- read and respond to course email messages as needed
- complete assignments by the due dates specified
- communicate regularly with your instructor and peers
- create a study and/or assignment schedule to stay on track
- access [ASU Online Student Resources](#)

Course Topics and Assignments

ACTIVITIES/ASSIGNMENTS	POINTS	DUE DATE All assignments are due at 11:59pm AZ time
MODULE 1	-	-
Homework	10	Wed 3/10
Peer Review		Fri 3/12
Quiz	15	Sun 3/14
MODULE 2	-	-
Homework	10	Wed 3/17
Peer Review	5	Fri 3/19
Quiz	15	Sun 3/21
MODULE 3	-	-
Homework	10	Wed 3/24
Peer Review	10	Fri 3/26
Quiz	15	Sun 3/28
Writing Assignment 1	100	Sun 3/28
MODULE 4	-	-
Homework	5	Wed 3/31
Peer Review	5	Fri 4/2
Quiz	15	Sun 4/4
MODULE 5	-	-
Homework	10	Wed 4/7
Peer Review	5	Fri 4/9
Quiz	15	Sun 4/11
MODULE 6	-	-
Homework	10	Wed 4/14
Peer Review	5	Fri 4/16
Quiz	15	Sun 4/18
MODULE 7	-	-
Homework	10	Wed 4/21
Peer Review	5	Fri 4/23
Quiz	15	Sun 4/25
Writing Assignment 2	125	Sun 4/25

Grading

Your grade will be determined based on the following grading schema:

Grade	Percentage	Points Range
A+	100-97%	435-422
A	96.9-94%	421 – 409
A-	93.9-90%	408-392
B+	89.9-87%	391-379
B	86.9-84%	378-366
B-	83.9-80%	365-348
C+	79.9-77%	347-335
C	76.9-70%	334-305
D	69.9-60%	304 – 261
E/F	Below 60%	260 and below

Note: The total points possible you see on Canvas may be incorrect if you fail to submit an assignment. By default Canvas will simply omit that assignment from the total rather than count it as a zero. The letter grade assigned to you will be determined according to the above table. To calculate your current grade simply divide the points you have earned by the points possible at that time. Please also note that no extra credit will be offered.

Discussion Board Grading

Three posts are required each module; an initial post responding to a prompt and two reply posts. The two replies may or may not be to the same student. Each post is worth 5 points and will be graded on a qualitative assessment of quality and perceived effort. Though there is no strict length requirement, think roughly at least two paragraphs for the initial post and at least one paragraph for the replies.

Submitting Assignments

All assignments, unless otherwise announced, **MUST** be submitted to the designated area of Canvas. Do not submit an assignment via email.

Assignment due dates follow Arizona Standard time. Click the following link to access the [Time Converter](#) to ensure you account for the difference in Time Zones. Note: Arizona does not observe daylight savings time.

Grading Procedure

Grades reflect your performance on assignments and adherence to deadlines. Grades on assignments will be available within 72 hours of the due date in the Gradebook.

Late or Missed Assignments

Notify the instructor **BEFORE** an assignment is due if an urgent situation arises and you are unable to submit the assignment on time.

Follow the appropriate University policies to request an [accommodation for religious practices](#) or to accommodate a missed assignment [due to University-sanctioned activities](#).

Communicating With the Instructor

Community Forum

This course uses a discussion topic called "Community Forum" for general questions and comments about the course. Prior to posting a question or comment, check the syllabus, announcements, and existing posts to ensure it's not redundant. You are encouraged to respond to the questions of your classmates.

Email questions of a personal nature to your instructor. You can expect a response within 48 hours.

Chat

The Chat tool in Canvas allows students and teachers to interact in real time. Use Chat only for informal course-related conversations unless your instructor informs you otherwise. Chat is not

ideal for questions about assignments; instructors are not required to monitor it and conversations may be buried or lost.

Email

ASU email is an [official means of communication](#) among students, faculty, and staff. Students are expected to read and act upon email in a timely fashion. Students bear the responsibility of missed messages and should check their ASU-assigned email regularly.

All instructor correspondence will be sent to your ASU email account.

ASU Online Course Policies

View the [ASU Online Course Policies](#)

Accessibility Statements

View the [ASU Online Student Accessibility](#) page to review accessibility statements for common tools and resources used in ASU Online courses.

If any other tools are used in this course, links to the accessibility statements will be listed below this sentence.

Title IX Statement

Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and academic support, from the university. If you or someone you know has been harassed on the basis of sex or sexually assaulted, you can find information and resources at <https://sexualviolenceprevention.asu.edu/faqs>.

As a mandated reporter, I am obligated to report any information I become aware of regarding alleged acts of sexual discrimination, including sexual violence and dating violence. ASU Counseling Services, <https://eoss.asu.edu/counseling> is available if you wish to discuss any concerns confidentially and privately. ASU online students may access 360 Life Services, <https://goto.asuonline.asu.edu/success/online-resources.html>.

Syllabus Disclaimer

The syllabus is a statement of intent and serves as an implicit agreement between the instructor and the student. Every effort will be made to avoid changing the course schedule but the

possibility exists that unforeseen events will make syllabus changes necessary. Remember to check your ASU email and the course site often.