

COCONINO COMMUNITY COLLEGE
COURSE OUTLINE

Revised by: Aaron Rizzieri
Status: Permanent
Effective Term: Fall 2018

January 19, 2018

A. Identification:

1. Subject Area: Philosophy (PHI)
2. Course Number: 103
3. Course Title: Introduction to Logic
4. Credit Hours: 3
5. Course Description: The systematic study, with emphasis on analysis and evaluation, of arguments. Topics will include both classical and current arguments from various disciplines of study. General Education: Arts and Humanities. Three lecture. Fall, Spring.

B. Course Goals: To provide students with the skills necessary to identify the elements of arguments, represent the reasoning of a given argument by means of truth tables and Venn diagrams, determine the soundness or cogency of an argument by measuring it against appropriate standards of validity and evidence, criticize a variety of moral arguments and identify common errors in reasoning.

C. Course Outcomes: Students will:

1. Describe elements and aspects of the thinking and critical thinking process.
2. Evaluate the role of biases and assumptions in thought, arguments and language.
3. Identify common logical fallacies.
4. Incorporate knowledge of formal and informal logic in argumentation and problem solving.
5. Apply critical thinking skills to create solutions to problems in social, cultural, and personal issues.
6. Apply critical thinking strategies to media.
7. Recognize that closure is not always achieved in intellectual discourse.

D. Course Outcomes Assessment will include working through logic exercises, written essays and tests.

E. Course Content:

1. Fundamentals in critical thinking.
2. Biases and assumptions in thought, arguments, and language.
3. Critical reading, writing, and speaking.
4. Logical problem solving.
5. Language, content and structure in arguments.
6. Formal and informal logic and their fallacies.
7. Critical analysis of contemporary issues.
8. Critical analysis of the media including print, internet video, and advertising.