

Philosophy 170 Introduction to Logic

Credit Hours: 3

Scheduled hours per week

Lecture: 3

Lab:

Other:

Catalog Course Description: A comprehensive introduction to the art of making sense that is critical thinking. Designed to improve one’s reasoning abilities through study of the most common mistakes made in thinking

Pre-requisites: NA

Co-requisites: NA

Course Learning Outcomes:

At the end of this course, students will be able to do the following:

1. To exhibit sound deductive reasoning skills.
2. To exhibit sound inductive reasoning skills.
3. To articulate the particular skills involved in decision making
4. To describe various models of decision making.

Topics to be studied:

- Basic logic concepts
- Language, meaning and definition
- Informal fallacies
- Categorical propositions
- Categorical syllogisms
- Propositional logic
- Induction
- Deduction

Relationship of Course to General Education Learning Outcomes:	
Composition and Rhetoric Students illustrate a fundamental understanding of the best practices of communicating in English and meet the writing standards of their college or program-based communication requirements.	x
Science & Technology Students successfully apply systematic methods of analysis to the natural and physical world, understand scientific knowledge as empirical, and refer to data as a basis for conclusions.	
Mathematics & Quantitative Skills Students effectively use quantitative techniques and the practical application of numerical, symbolic, or spatial concepts.	
Society, Diversity, & Connections Students demonstrate understanding of and a logical ability to successfully analyze human behavior, societal and political organization, or communication.	
Human Inquiry & the Past Students interpret historical events or philosophical perspectives by identifying patterns, applying analytical reasoning, employing methods of critical inquiry, or expanding problem-solving skills.	
The Arts & Creativity	

Students successfully articulate and apply methods and principles of critical and creative inquiry to the production or analysis of works of art.	
5/3/2016	

Special requirements of the course:

May include a group project on the study of informal fallacies

Additional information:

The primary thrust of this course is to develop an understanding of and improvement in the skills of critical and creative thinking.

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