

DATE ADOPTED:
DATE REVIEWED: 2002, 2007
DATE REVISED: 2002, 2008



Alabama Department of Postsecondary Education

Representing Alabama's Public Two-Year College System

Jefferson State Community College

PHL 116 Logic

I. PHL 116 Logic - 3 Semester Hours

II. Course Description

This course is designed to help students assess information and arguments. The focus of the course is on logic and reasoning. The student should be able to understand how inferences are drawn, be able to recognize ambiguities and logical/illogical reasoning.

III. Prerequisite

None

IV. Textbook

None

V. General Course Competencies

- A. The student will acquire knowledge of logic as a tool to evaluate formal and informal fallacious reasoning patterns.
- B. The student will understand elementary patterns of logical structures.
- C. The student will understand the usage of different logical structures in resolving fallacious reasoning.

VI. Course Competencies stated in Performance Terms

- A. The student will acquire knowledge of logic as a tool to evaluate reassigning patterns.
 - 1. He/she will demonstrate knowledge of argument forms and distinguish premises from conclusion in any argument.
 - 2. He/she will recognize the difference between a deductive and an inductive argument.
 - 3. He/she will be able to distinguish soundness and validity.
 - 4. He/she will test argument for validity.
- B. The student will understand elementary patterns of logical structures.
 - 1. He/she will apply Aristotelian logic to argument forms.
 - 2. He/she will apply Truth-Functional logic to argument forms.
 - 3. He/she will apply Quantification logic to argument forms.

- C. The student will understand the usage of different logical structures in resolving fallacious reasoning.
 - 1. He/she will identify formal and informal fallacies.
 - 2. He/she will analyze ordinary statements in terms of informal fallacies.

VII. Evaluation and Assessment

Written assessments

Grades will be given based upon A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, and F = below 60%.

VIII. Attendance

Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class before poor attendance interferes with the student's ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid.

IX. Statement on Discrimination/Harassment

The College and the Alabama State Board of Education are committed to providing both employment and educational environments free of harassment or discrimination related to an individual's race, color, gender, religion, national origin, age, or disability. Such harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment or discrimination will not be tolerated.

X. Americans with Disabilities

The Rehabilitation Act of 1973 (Section 504) and the Americans with Disabilities Act of 1990 state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student's responsibility to provide appropriate disability documentation to the College. The ADA Accommodations office is located in FSC 300 (205-856-7731).