

COURSE OUTLINE
Revision: Tom Pierce, May 2008

DEPARTMENT: Academic Programs

CURRICULUM: Individuals, Cultures and Societies
Natural World

COURSE TITLE: Introduction to Logic

COURSE NUMBER: PHIL& 106

TYPE OF COURSE: Academic Transfer
Special Requirement Met: None

AREA(S) OF KNOWLEDGE: Language of Science

COURSE LENGTH: 1 quarter

CREDIT HOURS: 5

LECTURE HOURS: 55

LAB HOURS: 0

CLASS SIZE: 35

PREREQUISITES: None

COURSE DESCRIPTION:

Introduction to the principles of formal deductive logic with emphasis on Aristotelian syllogistic logic and on the sentential calculus; application of formal logic to everyday reasoning.

PHIL& 106 Introduction to Logic
May 2008

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Communication – Read and listen actively to learn and communicate. Speak and write effectively for personal, academic and career purposes.
2. Critical Thinking and Problem Solving – Think critically in evaluating information, solving problems and making decisions.

GENERAL COURSE OBJECTIVES:

At the end of the course the student will be able:

1. To develop the ability to think and argue philosophically, to appreciate and understand the importance of the contributions of some of the great philosophers of the past.

TOPICAL OUTLINE:

- I. The Nature of Reasoning
- II. Syllogistic Logic
- III. Sentential Logic

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Course Prefix and Number: PHIL&106

Course Title: Introduction to Logic

SLO #	Included in Course Objective Number	SSCC Student Learning Outcomes
SLO 1.1	X	Communication - Read and listen actively
SLO 1.2		Communication - Speak and write effectively
SLO 2.1		Computation - Use mathematical operations
SLO 2.2		Computation - Apply quantitative skills
SLO 2.3	X	Computation - Identify, interpret, and utilize higher level mathematical and cognitive skills
SLO 3.1		Human Relations - Use social interactive skills to work in groups effectively
SLO 3.2		Human Relations - Recognize the diversity of cultural influences and values
SLO 4.1	X	Critical Thinking and Problem Solving -
SLO 5.1		Technology - Select and use appropriate technological tools
SLO 6.1		Personal Responsibility - Be motivated and able to continue learning and adapt to change
SLO 6.2		Personal Responsibility - Value one's own skills, abilities, ideas and art
SLO 6.3		Personal Responsibility - Take pride in one's work
SLO 6.4		Personal Responsibility - Manage personal health and safety
SLO 6.5		Personal Responsibility - Be aware of civic and environmental issues
SLO 7.1	X	Information Literacy - Access and evaluate information
SLO 7.2		Information Literacy - Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society

PREPARED BY: T. Pierce
DATE: May 2008