



# C-ID Descriptor

## Introduction to Logic

### Descriptor Details

- **Descriptor Title:** Introduction to Logic
- **C-ID Number:** 110
- **Units:** 3.0
- **Date of Last Revision:** 5/13/2025 07:07:48 PM GMT+0000

### General Description

This course introduces some principles of valid reasoning with emphasis on deductive logic. The course must include a study of formal techniques of sentential logic. The course may also include a treatment of inductive reasoning, language, or fallacies.

### Prerequisites

None

### Corequisites

None

### Advisories

Eligibility for College Composition (C-ID ENGL 100)

### Content

A substantial portion of the course must address each of the following:

Validity;

Symbolization;

Syntax;

Semantics;

Truth tables;

Natural deduction proof method in sentential logic.

May Also Include

Square of opposition

Venn diagrams

Syllogisms in categorical logic

### **Lab Activities**

No information provided

### **Objectives**

*At the conclusion of this course, the student should be able to:*

Demonstrate understanding of deductive reasoning and competence in some methods of formal logic.

### **Evaluation Methods**

Problem sets, quizzes and exams.

### **Textbooks**

Patrick J. Hurley, *A Concise Introduction to Logic*

Irving M. Copi and Carl Cohen, *Introduction to Logic*