

**Course Objectives/Course Outline**

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**Course Title:** Critical Thinking

**Prefix and Course Number:** PHIL& 115

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

- Be able to identify, analyze, and evaluate reasoning in a variety of contexts.

**Course Outline:**

- I. Reasoning in general
  - a. Analyzing Arguments
  - b. Diagramming Arguments
  - c. Distinguishing between deductive and inductive reasoning
- II. Evaluating Deductive Reasoning
  - a. Categorical Reasoning
  - b. Propositional Reasoning
- III. Fallacies (Reasoning)
  - a. Fallacies of Relevance
  - b. Fallacies of Weak Induction
  - c. Fallacies of Presumption
  - d. Linguistic Fallacies
- IV. Definitions
  - a. The role and purpose of definitions in reasoning
  - b. Types of Definitions
- V. Evaluating Inductive Reasoning
  - a. Analogical Reasoning
  - b. Legal Reasoning
  - c. Moral Reasoning
  - d. Causal Reasoning
  - e. Probability and Statistical Reasoning
  - f. Hypothetical and Scientific Reasoning