

Northwest Arkansas Community College
Philosophy Course

PHIL. 2203: INTRODUCTION TO LOGIC

Catalog Description:

An introduction to the process and discipline of logical thought. Includes both traditional and modern methods of deductive and inductive inference.

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Prerequisite: None.

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Credit hours/Contact hours/ Load hours: 3/3/3

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Target Audience and Transfer:

This course is designed for students seeking an Associate of Arts degree and for students transferring to the University of Arkansas. PHIL 2203 will transfer to the University of Arkansas.

General Course Outcomes:

Students completing this course will be able to:

- be able to recognize an argument, determine its premises and conclusion and determine whether it is deductive or inductive.
- use several different methods such as counter-arguments, Venn diagrams, truth tables and natural deduction to determine the validity of deductive arguments.
- think and write more critically and clearly.
- move onto a more advanced course in logic.

Required Text:

A Concise Introduction to Logic, 9th ed., by Patrick J. Hurley, Wadsworth Publishing Company (Belmont, Calif.) 2006.

Topics Include Some Or All of the Following:

- Basic Concepts.
- Informal Fallacies.
- Categorical Propositions.
- Categorical Syllogisms.
- Propositional Logic.
- Natural Deduction in Logic.
- Predicate Logic.

Required Methods of Instruction:

Individual instructors may design the course in any number of ways, keeping course objectives in mind. Since one of the course objectives is to have the student prepared to take a more advanced course in logic, students have to be introduced to propositional logic and natural deduction. The methods used in the class may include lecture, audio-visual materials, guest speakers, oral presentations and papers.

Required Forms of Assessment:

Individual instructors have broad latitude in making assessments. Instructors are expected to include some form of essay question on the exam(s).