

**NorthWest Arkansas Community College
Division of Social and Behavioral Sciences,
Education and Wellness, Legal and
Protective Services**

PHIL 2203 (Introduction to Logic)

Catalog Description:

(On Demand) An introduction to the process & discipline of logical thought. Includes both traditional and modern methods of deductive and inductive inference.

Prerequisites:

None.

**Credit Hours/Contact Hours/Load
hours:** 3/3/3

Target Audience:

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.

Learning Outcomes:

Students completing this course will 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.

Topics:

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