COMMUNITY COLLEGE OF ALLEGHENY COUNTY
CREDIT COURSE SYLLABUS

CAMPUS: All

COURSE NUMBER: PHL103　　**COURSE TITLE:** Logic

CREDITS: 3　**HOURS**: **LECTURE**: 3　**LAB:** 0　**CLINICAL**: 0　　**STUDIO**: 0　　**PRACTICUM**: 0

PREREQUISITES: None　　　　**COREQUISITES:** None

CATALOG COURSE DESCRIPTION:
This course is a non-mathematical approach to methods for everyday reasoning. Application to daily life is stressed. Topics covered include analysis of statements; valid deductions – logical connections, syllogism, their analysis and application; generalizing; classification and analogies; conditional arguments and common fallacies; and an introduction to symbolic logic.

LEARNING OUTCOMES:
Upon successful completion of the course, the student will:
   1. Discuss the complex relationships between language, thinking and existence.
   2. Recognize and evaluate a variety of models of argumentation.
   3. Apply formal and informal logic in assessing written and spoken presentations.
   4. Recognize and apply the roles and structures and tests of arguments.
   5. Demonstrate a logically more rigorous use of language in academic and daily life.
   6. Develop critical analytical skills in reading, listening, writing and thinking.

LISTED TOPICS:
   1. Informal fallacies
   2. Categorical propositions
   3. Validity and truth values or false values in logic and statements
   4. Syllogisms
   5. Symbols use to logical notation

REFERENCE, RESOURCE, OR LEARNING MATERIAL TO BE USED BY STUDENT:
(May be unique for each campus)
Textbooks
Workbooks or exercise manuals
Lecture and discussion processes
Written homework assignments and handouts
Exams and/or alternative projects may be required for grades

Approved by the President on: 05/05/08 Dr. Alex Johnson

Start Year/Term: _____

Revised 1.08