



St. Mary's College
Philosophy Department

Course Title: Logic

Course Number: PHI102

Term: Spring 2024

Lecture – Mon, Wed, Fri. 10:25-11:15 am

Professor: Fr. James Peek

Email: jpeek@smac.edu

Office Hours: 4:00-5:00 pm Mon, Tues, Thurs, Fri

By appointment – Saturday

(Office: via the Switchboard area)

Required Materials

“Logic” by John A Oesterle – *The Art of Defining and Reasoning* – Second Edition

Course Description

Logic presents a systematic study of the art by which man directs his reason so that reasoning may proceed in an orderly way and without error. Logic as an art and science, “correct thinking”. The 3 operations of the mind: Simple Apprehension (predicables and predicaments), Judgment (propositions: their kinds and properties), Reasoning (argumentation and the syllogism).

Objectives

To prepare the student to think clearly in speculative studies and proceed methodically in practical ones.

Grading Policy

- Grades will be based on the following rubric:

Various Homeworks:	30%
Quizzes:	20% + 20%
Final Exam:	30%



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Assignment Policy

- All submitted work should be on your own paper, either handwritten or typed. DO NOT submit work written in the margins of any given handout.

Attendance Policy

- You are expected, on time, for every scheduled class. If you know you are going to miss a class, please get prior approval. Any unexcused absence that occurs during a test or quiz will result in a zero. Assignments must be turned in on time even if you are absent, so please make arrangements. Any exceptions must be in writing.

Course Schedule

Logic - curriculum

Week 1 – The nature of Logic. Formal and Material Logic. Signs, words, and concepts.

2 – Universals. The Predicables. Univocity, equivocity, analogy.

3 – The Predicaments/categories

4 – Opposition (of terms). Definition. Division

Assessment: quiz on the First Operation of the Mind (20%).

5 – Judgement. The Proposition. Kinds of proposition.

6 – Supposition. Opposition (of propositions).

7 – Obversion. Conversion. Compound propositions.

Assessment: quiz on the Second Operation of the Mind (20%).

8 – Argumentation. The syllogism.

9 – Rules of the syllogism

10 – Figures & Mood. Reduction to the first figure.

11 – Compound syllogisms.

12 – Abbreviated and expanded syllogisms. Induction.

13 – Sophisms.

14 – Evaluating arguments.

Assessment: examination on the Third Operation of the Mind (30%).

Assessment: through the semester – exercises (totaling 30%).