



**School of Arts & Science
HUMANITIES DEPARTMENT**

**Phil 210-001
Introduction to Symbolic Logic
2008F**

COURSE OUTLINE

The Approved Course Description is available on the web @ _____

Ω Please note: this outline will be electronically stored for five (5) years only.
It is strongly recommended students keep this outline for your records.

1. Instructor Information

(a)	Instructor:	Sandy Bannikoff		
(b)	Office Hours:			
(c)	Location:	Young 320		
(d)	Phone:	370-3508	Alternative Phone:	
(e)	Email:	bannikof@camosun.bc.ca		
(f)	Website:			

2. Intended Learning Outcomes

At the end of the course the student will be able to:

1. Assess the validity of arguments using both Venn diagrams and truth tables.
2. Identify some of the confusion concerning the generation of scientific theories

3. Required Materials

Texts:

1. Simpson, R.L. Essentials of Symbolic Logic

Other

2. Course-pack: "Philosophy 210"

4. Course Content and Schedule

The aim of this course is to introduce students to the discipline of logic and to encourage them to think more carefully in their reading and writing. In addition, the course prepares students for further study in symbolic logic. By the end of the course, the student will have:

- 1 Understood some of the different uses of language.
- 2 Understood the difference between arguments and dispute
- 3 Gained a very elementary knowledge of symbolic sentence logic.

The course consists of two 1.5 hour lectures each week. There will be a short homework assignment given at every class. **Homework assignments will not be marked unless they are handed in at the beginning of the next class.**

Weekly Schedule

Caveat: This schedule is subject to change at the instructor's discretion.

Week One Administration, General Introduction

Reading: Copi, Chapter 3, "The Uses of Language" (pg.69-75)

Week Two Functions of Language, Logical terms

Reading: Strawson, Chapter 1, "Logical Appraisal" (pg.1-12)

Reading: Ilyenkov, "Introduction" (pg.5-10)

Week Three Aristotelian Logic

Copi, Chapter 6 "Categorical Propositions"

Reading: sections 6.1-6.4

Week Four Aristotelian Logic

Reading: sections 6.5-6.6

Week Five Aristotelian Logic

Reading: section 6.7

Week Six Thanksgiving and Exam One

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Seven Truth Functions, Symbols, WFFs, and Translation

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Eight Translating Complicated Sentences, Defining Operators, and Truth Tables

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Nine Types of Formulas and Truth Functional Equivalences

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Ten Arguments and Translating Arguments Essentials

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Eleven Exam Two

Week Twelve: Derivations, Conjunction Introduction, Negation Introduction, and Disjunction Introduction

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Thirteen Horseshoe Introduction, Triplebar Introduction, and Constructing Derivations

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Week Fourteen Derivation Construction

Reading, assigned in class: Simpson, Essentials of Symbolic Logic

Final Exam: Our final will be scheduled in the final exam period. Each student must be present at the final. There are no make-ups or alternative arrangements available for the final exam. So do not make any holiday arrangements until the exam schedule is posted.

5. Basis of Student Assessment (Weighting)

- 1. First Exam.....25%
- 2. Second Exam.....25%
- 3. Final Exam.....25%
- 4. Homework25%

There will be three open-book exams in which the student will be able to refer to the text and notes. Each of the exams will count for 25% of the final grade, for a total of 75%.

Homework must be handed in at the beginning of the next class. If students are late for class (parking, bus, coffee line up, etc.), he or she may hand in the assignment upon entering the class. Otherwise, **late homework will never be accepted**. At the end of semester all the homework grades will be sorted by grade into three groups, each containing one third of the assignments. The mean grade of the lowest group will be ignored. The mean grade of the middle group will count for 10% of the final grade. The mean grade of the highest group will count for 15% of the final grade. The homework, therefore, will count for 25% of the final grade.

6. Grading System

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which	1

		credit is granted; a course with a "D" grade cannot be used as a prerequisite.	
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3rd course attempt or at the point of course completion.)</i>
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

Do Your Homework: As mentioned, homework will be assigned at each class. The reason for this is that it is widely believed that this is the best way to learn logic; and whether it's the best or not, if you do all the homework, you will learn some logic. The course material is cumulative. So, it is extremely important that you keep up with your homework, and that you deal with problems and difficulties quickly when they arise. Don't think, "Oh, I'll figure it out later", because later there is something else for you to figure out.

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**.
It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services and on the College web site in the Policy Section.