

	<p>School of Arts & Science HUMANITIES DEPARTMENT</p> <p>PHIL 212-001 Introductory Symbolic Logic 2 Winter 2016</p>
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COURSE OUTLINE

The Approved Course Description is available on the web @ _____
 † 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:	Y315F		
(d)	Phone:	370-3508	Alternative Phone:	
(e)	Email:	Bannikof@camosun.bc.ca		

2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Translate English sentences and arguments into the notation of sentence logic.
2. Construct proofs in sentence logic with truth tables and derivations.
3. Translate sentences and arguments into the notation of predicate logic.
4. Construct proofs in predicate logic with derivations.

3. Required Materials

(a)	Texts	Essentials of Symbolic Logic by R. L. Simpson
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4. Course Content and Schedule

Weekly Schedule Caveat: What follows is a tentative schedule.

Week One (Jan. 9 -13)

Symbols, Truth Functions, Well Formed Formulas, [Essentials of Symbolic Logic](#) (hereafter I will just indicate the section numbers) 2.1-2.6

Week Two (Jan. 16-20)

Translation, 2.13; and Truth Functional Definitions, 2.14
 (On the side: Truth Tables. 2.7 – 2.14)

Week Three (Jan. 23-27)

Translation, 2.13; and Translating Arguments, 2.24
Begin Derivations, 3.1- 3.10

Week Four (Jan 30 – Feb. 3)

Translation & Derivations
Derivations, 3.11 – 3.17

Week Five (Feb. 6-10)

Derivations, 3.18 -3.19

Week Six Reading Break (Feb 13 – 17)

Week Seven (Feb. 20- 24)

Indirect Proof and Categorical Derivations, 3.20 – 3.23

Week Eight (Feb 27 – Mar. 3)

Feb. 27: **Exam 1: Sentence Logic Translations and Derivations**

Predicate Logic, 4.1 – 4.4; Begin derivations, 5.1 – 5.3

Week Nine (Mar. 6 – 10)

Predicate Logic Translation, 4.1 – 4.4; inference rules, 5.4 – 5.5

Week Ten (Mar. 13 – 17)

Quantifiers, 4.5 – 4.9, People and Things, 4.10 – 4.11; inference rules, 5.6 – 5.7

Week Eleven (Mar. 20 – 24)

Identity, Domains and Arguments 4.12 – 4.17; Derivations

Week Twelve (Mar. 27 – 31)

Derivations, 5.9 – 5.10

Week Thirteen (Apr. 3 – 7)

Derivation Strategies, Categorical Derivations, 5.12-5.15

Week Fourteen (Apr. 10 – 13)

Derivation Practice

Final Exam: Predicate Logic Translations and Derivations.

To be scheduled by the college during the final exam period.

5. Basis of Student Assessment (Weighting)

(a)	Homework	25% (See note in section 7 below)
(b)	Exams	2 exams, 37.5% each

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 credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
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 at camosun.ca or 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.

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.

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

Homework: There will be a short homework assignment given in almost every class. Unless prior arrangements have been made, students are expect to hand in their homework in person, in class. **The rule for homework is: assignments will not be marked unless they are handed in at the beginning of the next class. In other words: no late homework.** Exceptions to this rule will be made only in the event of a documented illness or crisis. The lowest 25% of homework grades will be discounted on the basis of the necessity for students to learn from their mistakes.

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.