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|  | <p>School of Arts & Science HUMANITIES DEPARTMENT</p> <p>PHIL 212-001 Introductory Symbolic Logic 2 Winter 2014</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

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|-----|---------------|---|--------------------|--|
| (a) | Instructor: | Sandy Bannikoff | | |
| (b) | Office Hours: | Monday 12 to 2; Tuesday & Thursday 1 to 2 | | |
| (c) | Location: | Y315F | | |
| (d) | Phone: | 370-3508 | Alternative Phone: | |
| (e) | Email: | Bannikof@camosun.bc.ca | | |
| (f) | Website: | | | |

2. Intended Learning Outcomes

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

1. Translate complicated arguments into a standard symbolic language and use that language to produce rigorous proofs.

3. Required Materials

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|-----|-------|---|
| (a) | Texts | Essentials of Symbolic Logic by R. L. Simpson |
| (b) | Other | |

4. Course Content and Schedule

Weekly Schedule Caveat: What follows is a tentative schedule.

Week One Symbols, Well Formed Formulas, Translation, Truth Functional Definitions, [Essentials of Symbolic Logic](#) (hereafter, *Essentials*), Chapter 2 (2.1-2.15)

Week Two Translation, Truth-tables, Types of Formulas, Arguments, *Essentials*, Chapter 2 (2.17 – 2.23)

Week Three Arguments: Translation and Truth Tables, *Essentials*, Chapter 2 (2.17 – 2.23)

Week Four **Exam 1: Translation & Truth Tables (Mon. Jan. 27)**

Derivation Rules, Derivation Construction, Indirect Proof, *Essentials*, 3.1 – 3.10)

Week Five Categorical Derivations, *Essentials*, Chapter 3 (3.11 – 3.24)

Week Six Holiday Monday Feb 10th

Wednesday: Derivation Practice

Week Seven **Exam 2: Sentence Logic Derivations (Wed. Feb. 19)**

Predicate Logic: Quantifiers, Translations, Identity, *Essentials*, Chapter 4 (4.1-4.14)

Week Eight Translation Problems and Domains, *Essentials*, Chapter 4 (4.12-4.15)

Week Nine Arguments and Interpretations, *Essentials*, Chapter 4, (4.16-4.20)

Week Ten More Translation practice, *Essentials*, Chapter 4

Week Eleven **Exam 3: Predicate Logic Translation** (which day of the week will be determined by our progress; either the 17th or 19th)

Week Twelve Derivation Rules, *Essentials*, Chapter 5 (5.1 – 5.8)

Week Thirteen Derivation Strategies, *Essentials*, Chapter 5 (5.12-5.15)

Week Fourteen Categorical Derivations, *Essentials*, Chapter 5 (5.12-5.15)

Final Exam: Predicate Logic Derivations. This exam will be scheduled by the College in the final exam period.

5. Basis of Student Assessment (Weighting)

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|-----|---|-----------------------------------|
| (a) | Assignments | 20% (See note in section 7 below) |
| (b) | Quizzes | |
| (c) | Exams | 4 exams, 20% each |
| (d) | Other (eg, Attendance, Project, Group Work) | |

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. **The rule for homework is: written assignments will not be marked unless they are handed in at the beginning of the next class.** 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.