



CAMOSUN COLLEGE
School of Arts & Science
Department of Humanities

PHIL-110-004
Logic and Critical Thinking
Winter 2018

COURSE OUTLINE

The course description is available on the web @ <http://camosun.ca/learn/calendar/current/web/phil.html>

ΩPlease note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

(a) Instructor:	Megan Shelstad
(b) Office hours	Mondays and Wednesdays 10:30 – 11:00 a.m. and 2:00 – 2:30 p.m.
(c) Location	Young 312
(d) Phone 3950	Alternative: _____
(e) E-mail	shelstad@camosun.bc.ca

2. Intended Learning Outcomes

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

1. Assess the strengths and weaknesses of arguments effectively.
2. Write and reason with clarity and precision.
3. Detect bias and fallacious reasoning in arguments.
4. Apply basic logical principles to the evaluation of evidence and the conducting of inquiry.

3. Required Materials

- (a) Texts: MacDonald, Chris and Vaughn, Lewis. 2016. *The Power of Critical Thinking*. 4e Cdn. OUP.

4. Course Content and Schedule

(Can include: Class hours, Lab hours, Out of Class Requirements and/or Dates for quizzes, exams, lecture, labs, seminars, practicums, etc.)

Phil 110 – 003: Lectures: Mondays and Wednesdays (Young 316): 2:30 – 3:20 p.m.

Seminar A: Mondays (Young 316): 3:30 – 4:20 p.m.

Seminar B: Wednesdays (Young 316): 3:30 – 4:20 p.m.

Phil 110 – 004: Lectures: Mondays (Young 303C) and Wednesdays (Young 300): 8:30 – 9:20 a.m.

Seminar A: Mondays – 9:30 – 10:20 a.m. (Young 303C)

Seminar B: Wednesdays – 9:30 – 10:20 a.m. (Young 300)

5. Basis of Student Assessment (Weighting)

- (a) Assignments: **15%** - presentation/group assignment, approximately 3 double-spaced typed pages
- (b) Quizzes: **20%** - 11 quizzes (2% each, **best 10, no make-ups**)
- (c) Exams: **20%** - midterm test
25% - final test (**CUMULATIVE**)
- (d) Other: **10%** - homework completion (**DUE MONDAYS, BEGINNING OF CLASS, hard copy**)
10% - seminar attendance and participation

6. Grading System

- Standard Grading System (GPA)
- Competency Based Grading System

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

www.oupcanada.com/MacDonaldVaughn4Ce

Companion website: Student Resources (Online student study guide, no password required)

8. College Supports, Services and Policies



Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

1. 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		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. 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 <http://camosun.ca/about/policies/index.html> 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 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.

Philosophy 110 - 003 and 004 READING SCHEDULE (to be done BEFORE class)

*****BRING TEXTBOOKS TO CLASS – schedule subject to change if needed*****

Quizzes will be held on WEDNESDAYS at the END OF CLASS (except Quiz 11 on Apr. 9)

HOMEWORK IS DUE ON MONDAYS AT THE BEGINNING OF CLASS

*****Phil 110 – 003/004 is not a D2L class*****

Remember to turn OFF your cell phone for class and put it away. Laptops, ipads, etc. may be used for note taking only. See “Classroom Technology Use.”

Camosun.ca/learn/school/business/current-students/documents/ClassroomTechnologyUse.pdf

Missing classes: if you miss a class due to illness or some other reason, it is not necessary to notify me unless a test (not a quiz) is missed. It is the student’s responsibility to find out from another student what was covered. Check your reading schedule.

Policy on missed tests (not quizzes): make-up tests will be permitted only in cases of illness or personal crisis. Documentation is required.

Disruptive behaviour, such as carrying on conversations when the instructor or others are speaking, is a sign of disrespect and is not acceptable in class.

NO EMAILED/LATE HOMEWORK ACCEPTED.

January 8, 10: Introduction: Good critical thinking and obstacles to good critical thinking

Seminar: exercise

HOMEWORK: Exercises 1.5 and 1.6, 23 – 25 (Due Jan. 15)

The power of critical thinking (Chapter 1, 2 – 19)

January 15: Statements, reasons and arguments

January 17: Statements, reasons and arguments, cont'd.

QUIZ 1 (Ch. 1)

Seminar: exercise: argument analysis

HOMEWORK: Self-assessment Quiz, 26 – 28 (Due Jan. 22)

The 'environment' of critical thinking (Chapter 2, 33 – 50)

January 22: How we think, worldviews

January 24: What we think, the self and the group

QUIZ 2 (Ch. 2)

Seminar: exercises

HOMEWORK: Integrative Exercises, 58 – 60 (Due Jan. 29)

Making sense of arguments (Chapter 3, 64 – 92)

January 29: Inductive and deductive arguments

January 31: Inductive and deductive arguments, cont'd.

QUIZ 3 (Ch. 3)

Seminar: *diagramming* (see *Steps: Review notes*, p. 99)

HOMEWORK: Self-assessment Quiz, 112 – 113 (Due Feb. 5)

February 5: Experiment on conditional reasoning

February 7: Argument patterns, cont'd.

QUIZ 4 (Ch.3)

Seminar: *review exercises for midterm test* (113 – 116), **NO HOMEWORK**

****Mon. Feb. 12 is Family Day and Tues. Feb. 13 to Fri. Feb. 16 is Reading Break****

*****MONDAY, FEBRUARY 19 – MIDTERM TEST*** NO Seminar**

Reasons for belief and doubt (Chapter 4, 122 – 156)

February 21: Experts and evidence, **NO Seminar**

QUIZ 5 (Ch. 4)

HOMEWORK: Self-assessment Quiz, 161 – 163 (Due Feb. 26)

February 26: News, advertising and persuasion

February 28: Fallacies

QUIZ 6 (Ch. 4)

Seminar: *exercise: propaganda*

HOMEWORK: Write a one-paragraph summary of the argument(s) presented in one of the essays in Appendix A, 462 – 489. (Due Mar. 5)

Faulty reasoning (Chapter 5, 171 – 194)

March 5: Fallacies of irrelevant premises

March 7: Fallacies, cont'd.

QUIZ 7 (Ch. 5)

Seminar: *"isms" groups* (*Animal Farm*)

HOMEWORK: Self-assessment Quiz, 199 – 200 (Due Mar. 12)

March 12: Fallacies of unacceptable premises

March 14: Fallacies, cont'd.

QUIZ 8 (Ch. 5, fallacy match)

Seminar: "isms" groups

NO HOMEWORK

March 19 – GROUP A ONLY - PRESENTATIONS

March 21 – GROUP B ONLY - PRESENTATIONS

Deductive reasoning: propositional logic (Chapter 7, 245 – 277)

March 26: Truth and logical connectives

March 28: Validity and truth tables

QUIZ 9 (Ch. 7)

Seminar: exercise (Sherlock Holmes)

HOMEWORK: Self-assessment Quiz, 275 – 277 (Due Apr. 4)

GOOD FRIDAY (Mar. 30) and EASTER MONDAY (Apr. 2)

April 4 – Inductive arguments, NO Seminars

QUIZ 10 (Ch. 7)

HOMEWORK: Integrated Exercises, 277 – 280 (Due Apr. 9)

Inductive reasoning (Chapter 8, 281 – 329)

April 9: Inductive arguments, cont'd.

QUIZ 11 (Ch. 8)

April 11: Loose ends

Seminar: exam review

FINAL CUMULATIVE EXAM IN EXAM PERIOD

BRAINTEASERS

1. A toy puck and a hockey stick cost \$1.10 in total. The stick costs \$1 more than the puck. How much does the puck cost?

2. If it takes five machines five minutes to make five widgets, how long would it take 100 machines to make 100 widgets?

3. There are three toy blocks stacked up. The top one is green and the bottom one is red. Is there a green block directly on top of a non-green one? a) yes b) no or c) cannot be determined.