



CAMOSUN COLLEGE
School of Arts & Science
Department of Humanities

PHIL-110-001
Logic and Critical Thinking
Summer 2018

COURSE OUTLINE

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

Ω Please 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	Dr. Philip Puszczalowski
(b) Office hours	Monday and Wednesday – 11:30am-12:30pm
(c) Location	Paul 322
(d) Phone	N/A
	Alternative:
(e) E-mail	puszczalowski@camosun.bc.ca
(f) Website	N/A

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: Vaughn, Lewis and MacDonald, Chris. (2016) *The Power of Critical Thinking*. 4th Canadian Edition. Oxford University Press.

4. Course Content and Schedule

All lectures and seminars are in the Young Building, Room 227

Lectures: Monday & Wednesday – 8:30am-10:20am

Seminars: Monday & Wednesday – 10:30am-11:20am.

Note: This is a tentative indication of content and schedule.

July 4: Chapter 1 - The Power of Critical Thinking (p.2-19)
Exercises 1.1 - 1.7

July 9: Chapter 2 - The "Environment" of Critical Thinking (p.34-50)
Exercises 2.1 – 2.5

July 11: Chapter 3 - Making Sense of Arguments (p.65-90)
Exercises 3.1 – 3.6

July 16: Chapter 4 - Reasons for Belief and Doubt (p.123-156)
Exercises 4.1 – 4.3

July 18: Chapter 5 - Faulty Reasoning (p.172-194)
Exercises 5.1 – 5.3
Assignment #1 Due

July 23: Chapter 5 - Faulty Reasoning (Continued)/Midterm Review
Exercises 5.1 – 5.3

July 25: **Midterm**

July 30: Chapter 6 - Deductive Reasoning: Categorical Logic (p.211-238)
Exercises 6.1 – 6.8
Assignment #2 Due

August 1: Chapter 7 - Deductive Reasoning: Propositional Logic (p.245-272)
Exercises 7.1 – 7.10

August 6: **British Columbia Day – NO CLASS**

August 8: Chapter 7 - Deductive Reasoning: Propositional Logic (Continued)
Exercises 7.1 – 7.10

August 13: Chapter 8 - Inductive Reasoning (p.282-336)
Exercises 8.1 – 8.12
Assignment #3 Due

August 15: Chapter 9 - Inference to the Best Explanation (p.347-386)
Exercises 9.1 – 9.10

August 20: Chapter 10 - Judging Scientific Theories (p.394-427)
Exercises 10.1 – 10.9
Assignment #4 Due

5. Basis of Student Assessment (Weighting)

(a) *Seminars: 10% (10 at 1% each)*

Each seminar we will go over practice questions for that day's lecture, as well as questions/problems from the previous lecture. Students are expected to be engaged and participate. Students will be graded on a pass/fail basis. The best 10 will form the grade for this portion of the course. No rewrites or deferrals. Further details will be distributed each seminar meeting. **Reading the assigned chapter is essential preparation.**

(b) *Assignments: 20% (4 at 5% each)*

There will be 4 assignments based on what has been discussed in lecture. No rewrites or deferrals. Further details will be provided on D2L and in lecture.

Assignment #1: **Due July 18**
Assignment #2: **Due July 30**
Assignment #3: **Due August 13**
Assignment #4: **Due August 20**

(c) *Midterm (35%) July 25.*

(d) *Final Exam (35%) Scheduled by the College.*

6. Grading System

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

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

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.

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.