



**CAMOSUN COLLEGE**  
**School of Arts & Science**  
**Department of Humanities**

**PHIL-110-001**  
**Logic and Critical Thinking**  
**Summer 2019**

**COURSE OUTLINE**

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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.

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**1. Instructor Information**

(a) Instructor	Dr. Philip Puszczalowski
(b) Office hours	Wednesday – 1:30pm-2:30pm or by appointment
(c) Location	Y 320
(d) Phone	N/A
(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 201

**Lectures: Monday & Wednesday – 10:30am-12:20pm**

**Seminars: Monday & Wednesday – 12:30pm-1:20pm.**

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

July 3: Chapter 1 - The Power of Critical Thinking (p.2-19)  
Exercises 1.1 - 1.7

July 8: Chapter 2 - The "Environment" of Critical Thinking (p.34-50)  
Exercises 2.1 – 2.5

July 10: Chapter 3 - Making Sense of Arguments (p.65-90)  
Exercises 3.1 – 3.6

July 15: Chapter 4 - Reasons for Belief and Doubt (p.123-156)  
Exercises 4.1 – 4.3

July 17: Chapter 5 - Faulty Reasoning (p.172-194)  
Exercises 5.1 – 5.3

**Assignment #1 Due**

July 22: Chapter 5 - Faulty Reasoning (Continued)/Midterm Review  
Exercises 5.1 – 5.3

July 24: **Midterm**

July 29: Chapter 6 - Deductive Reasoning: Categorical Logic (p.211-238)  
Exercises 6.1 – 6.8

**Assignment #2 Due**

July: 31: Chapter 7 - Deductive Reasoning: Propositional Logic (p.245-272)  
Exercises 7.1 – 7.10

August 5: **British Columbia Day – NO CLASS**

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

August 12: Chapter 8 - Inductive Reasoning (p.282-336)  
Exercises 8.1 – 8.12

**Assignment #3 Due**

August 14: Chapter 9 - Inference to the Best Explanation (p.347-386)  
Exercises 9.1 – 9.10

August 19: 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 17**

Assignment #2: **Due July 29**

Assignment #3: **Due August 12**

Assignment #4: **Due August 19**

(c) *Midterm (35%) July 24.*

(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

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: [www.camosun.ca](http://www.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.

**Policy on missed tests:** make-up tests will be permitted only in cases of illness or personal crisis. A make-up test will not be scheduled until proper medical documentation is provided.

**Cell phones:** students are not permitted to use cell phones in class. **Remember to TURN OFF your cell phone for class.**

**Missing classes:** if you miss a class due to illness, or some other reason, it is not necessary to notify me, **unless** a test is missed. If classes are missed, it is the student's responsibility to find out from another student what was covered, or check D2L.