

The University of Western Ontario  
School of Health Studies

Health Sciences 3840B  
Introduction to Health Economic Evaluation Methods

Winter 2022

Instructor: Jacquelyn Marsh, PhD

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Office Room Number: Elborn College, Room 1400

Office Hours: By appointment

### Course Information

This course will introduce basic concepts in methods for the economic evaluation of health interventions, and discuss how they are used to assess “value for money” in h

## Course Materials

Required Textbook: M. F. Drummond et al. Methods for the Economic Evaluation of Health Care Programmes. 4<sup>th</sup> Edition. Oxford University Press.

Additional readings may be posted on the course OWL website throughout the term.

## Evaluation

### Quizzes (10%)

There will be five weekly quizzes throughout the term, consisting of multiple choice questions based on material from lecture and assigned readings of the previous week. Quizzes will be written on OWL. Each quiz will have 5 questions and you will have 10 minutes to complete the quiz.

### Midterm Exam (30%)

The midterm will consist of approximately 40 questions and the format will be a combination of multiple choice and short answer. Questions will evaluate your understanding of the course material and ability to apply the concepts to different contexts.

### Group Assignment (50%)

Presentation (10%), Peer Evaluation (5%), Final Paper (35%)

In groups of approximately 4 students (depending on course enrollment), you will be responsible for developing

## Course Schedule

This course will be delivered in a blended format with a combination of asynchronous online and in-person methods. This will consist of online, asynchronous lectures, and a weekly in-person session where we review the lecture material and look at specific examples together. The following is a tentative timetable of class topics, which is subject to modification.

	Topic	Assigned Readings	In-Person Session Date
Week 1	Introduction & Course Overview Types of Economic Evaluation	Eddy DM. The individual vs. society. Is there a conflict? <i>Journal of the American Medical Association</i> 1991; 265:1446  Chapter 1 and Chapter 2 pp 19-27 (up to the end of section 2.3.6)	January 5, 2022
Week 2	Measuring Healthcare Costs	Drummond Text: Chapter 7	January 12, 2022  Quiz 1
Week 3	Measuring Healthcare Outcomes		

Week 7	Midterm Exam		February 16, 2022
Week 8	Reading Week		
Week 9	Group Presentations		March 2, 2022
Week 10	Group Presentations		March 9, 2022
Week 11	Group Presentations		March 16, 2022
Week 12	Group Presentations		March 23, 2022

Week 13

Students who experience an extenuating circumstance (illness, injury, or other extenuating circumstance) sufficiently significant as to temporarily render them unable to meet academic requirements, may submit a request for academic consideration through the following routes:

- (i) Submitting a Self-Reported Absence form, provided that the conditions for submission are met;
- (ii) For medical absences, submitting a Student Medical Certificate (SMC) signed by a licensed medical or mental health practitioner, in order to be eligible for Academic Consideration; or
- (iii) For non-medical absences, submitting appropriate documentation (e.g., obituary, police report, accident report, court order, etc.) to Academic Counselling in their Faculty of registration, in order to be eligible for academic consideration.

Students seeking academic consideration:

- Are advised to consider carefully the implications of postponing tests or midterm exams or delaying handing in work;
- Are encouraged to make appropriate decisions, based on their specific circumstances, recognizing that minor ailments (e.g., upset stomach) or upsets (e.g., argument with a friend) are not normally an appropriate basis for a self-

Students must be in touch with their instructors no later than 24 hours after the end of the period covered by the Self-Reported Absence form, to clarify how they will be expected to fulfil the academic expectations they may have missed

### **Support Services**

There are various support services around campus, and these include, but are not limited to:

1. Student Development Centre -- <http://academicsupport.uwo.ca/>
2. Student Health -- <https://www.uwo.ca/health/>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombud's Office -- <http://www.uwo.ca/ombuds/>

### **Health and Wellness** :

As part of a successful undergraduate experience at Western, we encourage you to make your health and wellness a priority. Western provides several on-campus health-related services to help you achieve optimum health and engage in healthy living while pursuing your degree. For example, to support physical activity, all stud (i)10.6 (2 ( )JJ-8 (e)-6 (T65gg 32.2 (5gg 3iv.7 (u))-3 (e)-3 ((a)7.62.2 )-1 ( all )10.7 )10.7 (s)-1 ( all ))1