

## Brief Course Outline

**Course Title:** Intro to Decision Analysis

**Course Number and Section:**

PHILOSOP

2253A 550

**Instructor Name(s):** Glen Koehn

**Instructor Email(s):** gkoehn@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

### Course Description:

Philosophical foundations of rational decision making, with examples from social and institutional policy, economics, and strategic thinking generally. Topics include: ideals of reason and rationality, coherence, self-limitation and satisficing, expected utility, basic two person game theory, coordination problems, bargaining solutions, and some paradoxes of choice. Antirequisite(s): Philosophy 2023.

### Learning Outcomes:

Students will examine some competing views about rationality and probability

They will be able to say why the theory of strategic interaction ("game theory") is of interest to social contract theory and to evolutionary biology

### Textbooks and Course Materials:

An Introduction to Decision Theory, 2nd ed. by Martin Peterson. (Cambridge 2017)

### Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Quiz 1	Sept. 26	15
Quiz 2	Oct. 10	15
Quiz 3	Oct. 31	15
Quiz 4	Nov. 14	15
Final Test	TBA	40

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Tuesday, August 6, 2024