

Winter 2024 TA Job Posting for ECON 211 Course

Please give a brief description of the course content or a link to the course outline:

<https://outline.uwaterloo.ca/view/n43fh9>

The course aims to connect mathematical tools and elementary economics analysis. It is an introduction to mathematical techniques of particular use in economics. Students are expected to learn the mathematical concepts which are required to tackle problems in economic analysis. The objective of this course is to provide the students with all the necessary mathematical tools that are required to follow 300 level courses in economics. The focus is on mathematics, but different concepts will be taught using applications in economics. Topics include functions, continuity, differentiation, partial derivatives, and optimization techniques including constrained optimization. Students are advised to refresh their knowledge on basic arithmetic and algebra, and sets, subsets and functions before proceeding to higher level topics in this course. The goal is to motivate students of economics to study appropriate mathematical tools by demonstrating their power to deal with economic problems.

Any necessary knowledge or skills needed:

Math skills are needed such as functions, continuity, differentiation, partial derivatives, and optimization techniques. Someone who took Econ 211 is strongly preferred. Punctuality and being responsive to instructions are appreciated.

Please fill out this chart as closely as you can for the TA duties and hours you predict the course will be using for the entire Winter 2024 term. This will be used as an estimation only. Graduate TAs are not permitted to work more than 140 hours for the term or more than 10 hours in any given week (70 hours or 5 hours a week for a ½ TA). When thinking of the duties you might have for your TA, we ask that you be mindful of this constraint and try not to come up against it. TAs own coursework comes first. Negotiations for a reasonable amount of time for returning marked assignments, etc. will occur as needed.

Duty	Estimated Hours for the Term or N/A	Brief description of unusual or especially time-consuming features of the duty, if any
Meetings with Course Instructor	10	
Class preparation	N/A	
Attending lectures	N/A	
Student consultation; office hours	20	
Lecturing	N/A	
Conducting tutorials	N/A	
Grading	110	
Proctoring exams	N/A	
Other duties (describe/explain)	N/A	
Totals	140	