Winter 2024 TA Job Posting for ECON 221 Tutorial Leader

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

Statistics for Economists
This course introduces students to describing economic data and drawing inferences from features of economic data. Starting from fundamental axioms of probability, students will learn about the calculation of probabilities of basic events and the features of random variables, the most important tool for representing the outcomes of complex economic phenomena. Students will describe discrete and continuous random variables via their probability distributions and summary statistics such as means and standard deviations, as well as the relationships between two random variables in terms of covariance, correlation, and simple regression models. The concepts of hypothesis testing and confidence intervals, and the fundamentals of statistical inference are discussed for basic features of random variables and for comparing the features of more than one random variable.

Any necessary knowledge or skills needed:

Familiarity with probability theory and statistics is required.   The TA will need to be able to interpret and explain course concepts and work through examples for students. Experience using R software and trouble-shooting *R Markdown* files will be important. In the context of discussing statistics, a willingness to practice public speaking, and be responsive to student concerns is essential.

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 hours	1 hour meeting with instructor every week prior to tutorial = 10 hours
Class preparation	20 hours	2 hours preparation for each tutorial x 10 weeks = 20 hours
Attending lectures	N/A	
Student consultation; office hours	N/A	

Lecturing	N/A	
Conducting tutorials	10 hours	Ten weeks of tutorial – directing two 50-minute meetings per week = 20 hours
Grading	30 hours	Grading student exercise and recording marks in Learn for each tutorial 10 weeks x 1/20 hr/exercise x 60 students = 30 hours
Proctoring exams	N/A	
Other duties (describe/explain)	N/A	
Totals	70 hours	