

ECON 331: Environmental Economics

Final Project Grading Rubric

Overview

Here is the breakdown of points for each part of the project.

1. A 10-minute max presentation about your article and the game you plan to use. **15% of your final grade**
2. A written paper to be handed in on the last day of class. **15% of your final grade** The written paper should include the following sections:
 - Abstract. **5% of the Written Paper grade**
 - Article Summary. **20% of the Written Paper grade**
 - Game Description. **25% of the Written Paper grade**
 - Theoretical Predictions. **25% of the Written Paper grade**
 - Reflection. **20% of the Written Paper grade**
 - References. **5% of the Written Paper grade**

The Written Paper (15% of your final grade)

Abstract (1 Per Group Member: 5% of the Written Paper grade)

In the abstract I am looking at the following criteria:

1. The abstract is not less than 2 sentences nor is it longer than 1 paragraph.
2. The abstract mentions the article, an overview of the game, and the theoretical predictions. The abstract summarizes the concepts from class used in the game.
3. The abstract is mostly free of grammatical and spelling errors.

I will assign grades as follows:

- A: The abstract meets all 3 criteria.
- B: The abstract meets 2 criteria.
- C: The abstract meets 1 criteria.
- D: There is no abstract or the abstract does not meet any of the criteria.

Summary of the Article (1 Per Group Member, 20% of the Written Paper grade)

As mentioned in the Final Project Guidelines, the summary should be approximately 2-pages (double-spaced, 12pt font) and contain the subsections below. Here are the criteria I will use to evaluate your article summary.

1. A brief (paragraph) description about the author including their background.
2. Describes the central problem being discussed in the article.
3. Discusses how the solution does the article discuss in relation to this problem.
4. How effective was the solution? Why or why not was it effective?
5. Do you think this solution would also work in other contexts? Why or why not?
6. The summary is about 2 pages in length (more than 1 page and less than 4 pages).
7. The summary is generally free from spelling and grammatical errors.

I will assign grades as follows:

- A: The summary satisfies at least 6 of the criteria.
- B: The summary satisfies 4-5 of the criteria.
- C: The summary satisfies 3 of the criteria.
- D: The summary satisfies less than 3 of the criteria.
- F: The group submitted identical summaries and/or Chat GPT was used to write the summaries.

Game Instructions (1 Per Group, 25% of the Written Paper grade)

Here are the criteria I will use to evaluate the group's Game Instruction section:

1. The length is about 2-pages (more than 1 page and less than 4 pages)
2. The Game Instructions are generally free from spelling and grammatical errors.
3. The overview of the game and motivation behind the game are clearly explained.
4. The rules of the game and players' goals are easy to understand and clearly defined.
5. I can clearly understand how the game works from the instructions without needing to ask clarifying questions.
6. I can clearly understand how actions in the game translate into payoffs and how it affects the game.
7. There is a summary of the information I could easily reference during the game.

I will assign grades as follows:

- A: The instructions satisfies 6 or 7 of the criteria.
- B: The instructions satisfies 4 or 5 of the criteria.
- C: The instructions satisfies 3 of the criteria.
- D: The instructions satisfies less than 3 of the criteria.
- F: The group used Chat GPT or plagiarized an economic article to write the game instructions.

Theoretical Predictions (1 Per Group)

The goal of this section is for you as a group to demonstrate deep understanding of the economic concepts from your article and how it applies to your game! This section should include the following:

1. The expected results if you were to play this game with theoretical purely rational economic agents.
2. At least 2 concepts from economic theory that support your predictions (Cite papers that discuss this theory).

3. How do you expect your results to differ if you were to play this game with classmates rather than that pure theoretical results?
4. At least 2 concepts from behavioral economics that support your expectations (Cite papers).
5. This section should be about 2 pages in length.
6. This section should generally be free from grammatical and spelling errors.

I will assign grades as follows:

- A: The theoretical prediction section satisfies 6-7 of the criteria.
- B: The theoretical prediction section satisfies 3-5 of the criteria.
- C: The theoretical prediction section satisfies less than 3 of the criteria.
- D: There is no theoretical prediction section or the theoretical prediction section satisfies less than 2 of the criteria.
- F: The theoretical prediction section is written using ChatGPT or plagiarized.

Reflection (1 Per Group Member: 20% of the Written Paper grade)

The goal of this section is to both reflect on the project overall and how it affected your learning of environmental economics. My grading for this section is based on your completion! Here is the criteria I will use to evaluate your reflection section:

1. Did you submit a reflection as part of the final paper?
2. Did you write more than 1 page?
3. Is it generally free from spelling and grammatical errors?

I will assign grades as follows:

- A: The reflection satisfies all 3 criteria.
- B: The reflection satisfies 2 of the criteria.
- C: The reflection satisfies 1 of the criteria.
- D: There is no reflection.
- F: You and another student submitted identical reflections.

References (1 Per Group: 5% of the Written Paper grade)

This section should include all references used for the summary, including how you found information on the author, and any references for your theoretical predictions! You may use any consistent citation style you would like as long as it is consistent!

Note: Chat GPT/Other AI can help you find papers to go read, but make sure any papers you cite actually exist. I will randomly check references you cite.

The 10-Minute Pitch Presentation (1 Per Group, Due:)

Each group will pitch their game to the class during the last 4 class-periods. I will determine the presentation slot for each group randomly, and the presentations are due **before** the first group presents so that one group does not have an advantage by presenting later than another. The presentations will be posted on Brightspace for all students to see. The presentation can be on Powerpoint or any other slide deck, but should be submitted as a .pdf file. The presentation should include:

1. The article your group picked.
2. A brief summary of the environmental issue.
3. The solution discussed in the article.
4. A brief overview of the game you plan to use to simulate this article.
5. Your theoretical predictions if the game were to be played with pure economic agents.
6. Your presentation should generally be free from spelling and grammatical errors.
7. Each group member should speak for at least part of the presentation.

I will assign grades as follows:

1. A: The presentation satisfies 6-7 of the criteria.
2. B: The presentation satisfies 4-5 of the criteria.
3. C: The presentation satisfies 2-3 of the criteria.
4. D: The presentation satisfies 1 of the criteria or there is no presentation.
5. F: The presentation is copied from ChatGPT.

After all groups have presented, we as a class will vote anonymously. The top 2 groups will be chosen and during the final exam period the 2 chosen groups will run their games for the class! The 2 groups will receive a bonus of up to 10% on their lowest of the two midterm scores based on how the group implements the game during the final exam period!

*For all parts of the project due before the final class, you/your group may update those sections with my feedback and I will update your grade on those sections when I grade the final paper!