

Communicating Engineering Solutions in a Societal Context

ECE 4900W – Summer 2025

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Outline

1 Introduction

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- 1 Introduction
- 2 Course Components
 - Grading Breakdown

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- 3 Tools and Strategies

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Why This Course Matters

- Engineers must communicate their solutions clearly.
- Societal impact matters: ethics, sustainability, inclusion.
- Writing and presenting ideas is just as important as building them.

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Major Assignments

- **Paper One:** Technology Comparison (Draft + Final)
- **Paper Two:** Societal Impacts (Draft + Final)
- **Oral Presentation** based on Paper Two
- **Group Discussions** and **Exercises**

Assessment Breakdown

- Drafts & Finals: 63% combined
- Oral Presentation: 14%
- Exercises & Discussions: 18%
- Peer Feedback: 5%

Rubrics Available

Check HuskyCT for detailed rubrics and formatting guides.

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Tips for Success

- Start drafts early — use feedback!
- Visit the Writing Center
- Use IEEE citation style
- Write for clarity, audience, and purpose

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Summary

- Writing is Engineering
- You will write, revise, and present
- This course prepares you for communication in your future work

Outlook

Capstone-ready communication skills that make you stand out.