

ECE 750: REAL-TIME COMPUTING SYSTEMS

(Fall 2021)

COURSE CONDUCT

INSTRUCTOR

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PREREQUISITES: Although ECE 552 and CS 537 are the recommended prereqs, neither of them are absolutely essential.

REFERENCE MATERIAL: No required text.

- Papers distributed in class.
- Proceedings of Real-Time Systems Symposium, 1981–2020.
- Proceedings of Real-Time Applications Symposium, 1996–2021
- Proceedings of Euromicro Conference on Real-Time Systems, 1999-2021
- Web page of Technical Committee on Real-Time Systems, <http://sites.ieee.org/tcrts/>

ASSIGNMENTS

Assignments are due in class on the specified date(s). Late assignments will not be accepted without prior approval. Some of the assignments will involve reading and summarizing papers. Only selected problems from the assignments will be graded. Part of each assignment's grade will be solely based on submission.

TERM PROJECT

The term project can be either a detailed survey or a comparative evaluation of known or new ideas. All students are expected to work in groups of two. Only in very special circumstances, group sizes other than two will be permitted. Project selection will be based on discussion between the students and the instructor. Each student will also be expected to review and grade some projects of your classmates (similar to peer-review in conferences and journals).

EXAMINATIONS

There will be two midterms.

GRADING

Assignments	15%	Midterm1	25%
Project	35%	Midterm2	25%