

ECE 455

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Slides Acknowledgement

Some material in these slides is based on slides from:

- Prof. Sebastian Fischmeister
- Prof. Carlos Moreno

Other material used with citations

Course Staff

- Murray Dunne – instructor
- Maran Ma – lab instructor
- Mohammed Jafri – TA
- Sulav Shrestha – TA
- Kavish Mehta – TA

See Piazza for office hour times and locations

Course Outline Review

[see Learn]

Course Overview

- Part 1: Review of Embedded Computing
- Part 2: Worst-case Execution Time Analysis (WCET)
- Part 3: Real-time Scheduling
- Part 4: Dependability
- Part 5: Security
- Part 6: ???

Course Themes

- Everything is a trade-off
 - “fast, good, or cheap – pick two”
- Nobody agrees on exact definitions
 - You might see different terms in the field for concepts we discuss in this class
- Nothing works perfectly
 - We’re all just trying our best out here