

# EE 241/242 Discussion

**Question: Should 241 be changed from a co-requisite to a full prerequisite?**

ECE Undergraduate Core Courses Committee Meeting (5/3/24)

Update: 5/17/24

Presented by Sep Makhsous

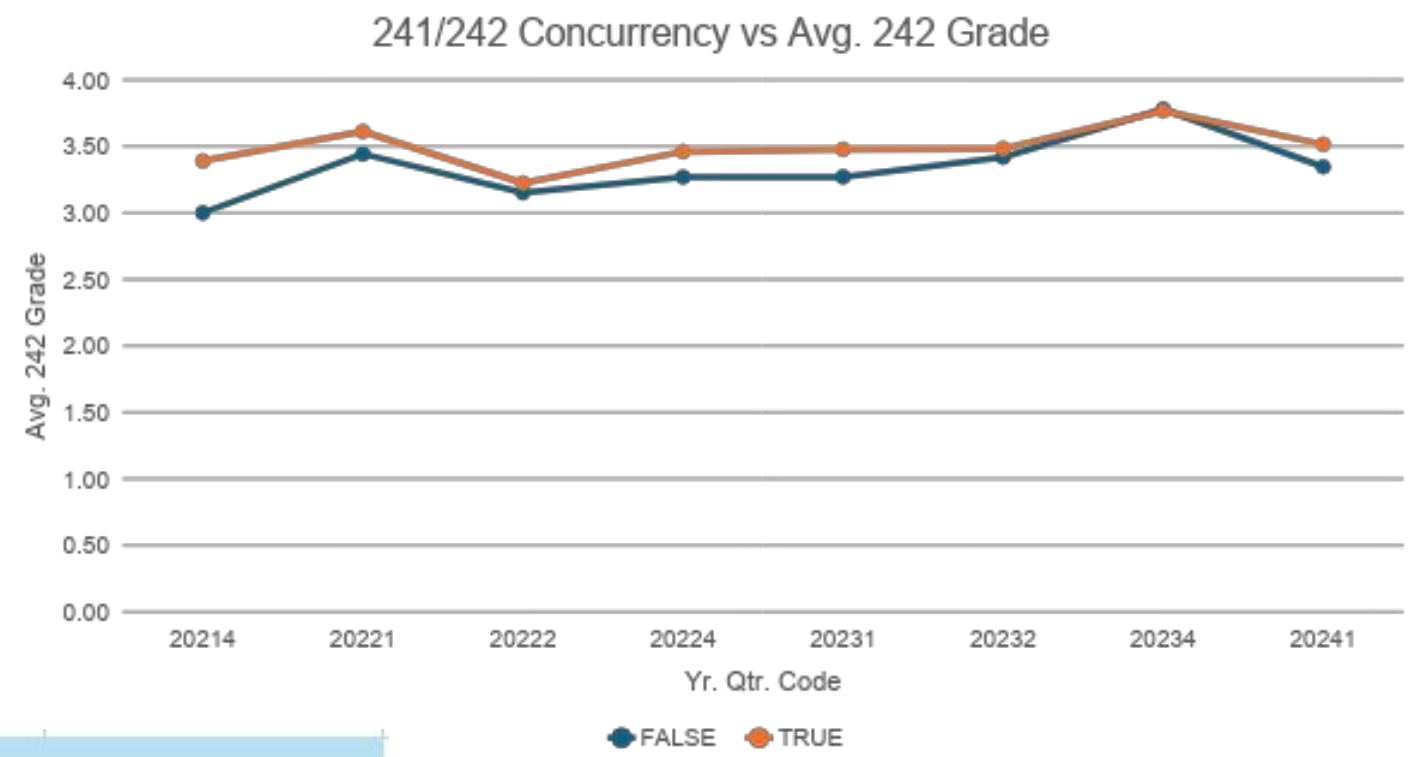
# Background + Concerns

- **Co-requisite Challenges:** (no actual data, only surveys) “There is a noticeable struggle among students with the labs .”
- **Teaching Load Issues:** EE 241 counts as one teaching load every three quarters, which complicates efforts to find faculties willing to teach it regularly.
- **Timeline for students:** (Question for Chris) Can we remove the co-req option?
- **Dependency on Quality TAs:** The performance of students in EE 242 labs heavily depends on the quality of TAs
- **Instructor Synchronization:** The need for better coordination between the instructors of EE 241 and EE 242

# Potential Solutions

- Remove the co-req option .
- Have the same instructor teach both courses (count as two teaching loads)

# Analysis



Average of 242_grade		concurrent?		Grand Total
242_qt_ryr_code		FALSE	TRUE	
20214		3.00	3.39	3.38
20221		3.44	3.61	3.59
20222		3.15	3.22	3.20
20224		3.27	3.46	3.42
20231		3.27	3.48	3.39
20232		3.42	3.48	3.45
20234		3.78	3.77	3.77
20241		3.35	3.51	3.41
Grand Total		3.38	3.48	3.44

# Recommendations

1. Maintain 241 as a co-requisite.
2. Implement/publish a single official schedule for 241 that all faculties who teach must follow, particularly the timing of the labs.
3. Include in the MCD for both 241 and 242 that instructors must meet at the beginning of each quarter and maintain regular communication to ensure consistency.
4. Course Coordinator or Core Course Curriculum sends a reminder email at the start of each quarter to both 241 and 242 instructors about items 2 and 3.

# Notes

- Changing 241 number
- Having it as a prereq might help with new instructors and synchronization