

Computer Engineering Program Changes (Fall 2024)

Over the past few years, the Department of Electrical and Computer Engineering has been working together with the Department of Mathematics to undertake improvements to the required courses within the Computer Engineering program. These changes have now been approved for implementation beginning in Fall 2024. These changes involve the removal of three existing core courses and the introduction of three replacement core courses.

The courses removed from the Computer Engineering program are:

MATH 3120 Applied Discrete Mathematics;
MATH 3132 Engineering Mathematical Analysis 3, and;
ECE 3790 Engineering Algorithms.

The three new core course requirements are:

ECE 2400 Engineering Algorithms 1;
ECE 3400 Engineering Algorithms 2, and;
MATH 2136 Mathematics for Computer Engineers.

As part of this process, ECE 3790 and MATH 3120 have been deleted.

Transition Plan

Students admitted to the Computer Engineering program prior to Fall 2024 will follow the table of approved course substitutions given below. In all cases, a student will take three courses. However, the combination of courses will depend on which of MATH 3120, MATH 3132, and ECE 3790 they have completed prior to the Fall 2024 Term.

Courses Completed Prior to Fall 2024			New Requirements
MATH 3120	MATH 3132	ECE 3790	
No	No	No	MATH 2136, ECE 2400, and ECE 3400
No	No	Yes	MATH 2136 and ECE 3400.
No	Yes	No	MATH 2136 and ECE 2400
No	Yes	Yes	MATH 2136
Yes	No	No	MATH 3132 and ECE 2400
Yes	No	Yes	MATH 3132
Yes	Yes	No	ECE 2400
Yes	Yes	Yes	No change to requirements

Questions

If you have any questions about how these changes affect your program requirements and/or course selection please contact:

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