

TO: The Faculty of the College of Engineering

FROM: School of Electrical and Computer Engineering of the College of Engineering

RE: ECE 62500 Changes in Description, Title and Number

The faculty of the School of Electrical and Computer Engineering has approved the following changes in ECE 62500. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From: **Course Title**
Advanced Analysis of Electromechanical Systems
Course Description
Electric propulsion systems including presentation of cycloconverter and rectifier-inverter drive systems. Dynamic and steady-state analysis of machine performance with series controlled rectifiers in the stator or rotor phases. MMF space harmonic analysis.
Course Number
ECE 62500

To: **Course Title**
Finite Element Analysis of Electric Machines
Course Description
Application of advanced numerical methods for the characterization of the steady-state and dynamic characteristics of electromechanical energy conversion devices including solenoids, synchronous, induction, and permanent-magnet machines.
Course Number
61025

Reason: The course name and description have been changed to reflect the updated content of the course. The course number change is designed to reflect the course numbering scheme ECE is using since the change to five digit course numbers.



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