

**TO:** The Faculty of the College of Engineering

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

**RE:** ECE 61000 Changes in Description

The faculty of the School of Electrical and Computer Engineering has approved the following change in ECE 61000. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**From:** **Course Description**  
Basic principles of static and electromechanical energy conversion. Control of static power converters. Reference frame theory applied to the analysis of rotating devices. Analysis and dynamic characteristics of induction and synchronous machines. State variable analysis of electromechanical devices and converter supplied electromechanical drive systems.

**To:** **Course Description**  
Basic principles of static and electromechanical energy conversion. Reference frame theory applied to the analysis of rotating devices. Analysis and dynamic characteristics of induction and synchronous machines. State variable analysis of electromechanical devices and electromechanical drive systems.

**Reason:** The course description has been changed to reflect the updated content of the course.



*Michael R. Melloch, Associate Head*  
School of Electrical and Computer Engineering