To: The Engineering Faculty  
From: School of Electrical and Computer Engineering  
Re: ECE 46900

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

**ECE 46900 Operating Systems Engineering**
Semesters offered: Spring  
Non-repeatable  
Credit 4

Pre/Co-requisites: ECE 36800

**Course Description**
Students will learn to design and construct operating systems for both individual computers and distributed (networked) systems. Basic concepts and methods for managing processor, main memory, block-structured storage, and network resources are covered. Detailed examples are taken from a number of operating systems, emphasizing the techniques used in networked versions of UNIX. These techniques are applied to design improvements of portions of a networked UNIX-based operating system. The improvements are implemented and their performance evaluated in laboratory experiments.

**Reason**
The computer engineering faculty have determined that students do not need ECE 43700 to succeed in ECE 46900.

**History of Previous Offering**
This course has ran for over 10 years.

Michael R. Melloch, Associate Department Head of ECE