PURDUE
UNIVERSITY

SCHOOL OF ELECTRICAL
AND COMPUTER ENGINEERING
UNDERGRADUATE COUNSELING OFFICE

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 pre-requisites. 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

FROM:
Pre/Co-requisites: ECE 36800 and ECE 43700

TO:
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