

May 3, 2007

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

**FROM:** The Faculty of the School of Electrical and Computer Engineering

**RE:** Deletion of ECE 684

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

**ECE 684      Linear Multivariable Control**

Sem. 2. Class 3, cr. 3. (Offered in alternate years.)

Prerequisite: ECE 602. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and co-requisites.

A state space investigation of multi-input, multi-output control design problems from the geometric perspective. The course will detail the theory and design algorithms needed for a solution to the state feedback eigenvalue assignment problem, the disturbance decoupling problem with and without internal stability, the output stabilization problem, and the tracking (or regulator) problem with internal stability.

**Reason:** Faculty in charge of the course no longer interested in offering it. No interest among other area members to take over the course.

Mark J.T. Smith

Professor and Head