

TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Civil Engineering
RE: Changes in CE 591 Course Description

From: **CE 591 – Advanced Structural Steel Design**

Sem. 1, Class 3, Cr. 3.

Prerequisite: CE 470. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

Economical use of high strength steels; behavior and design of bolted and welded moment resistant connections; design of plate girders and composite steel-concrete beams; brittle fracture and fatigue. Professor Bowman.

To: **CE 591 – Advanced Structural Steel Design**

Sem. 1, Class 3, Cr. 3.

Prerequisite: CE 470. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

Design and behavior of plate girders; design of composite beam and column members; behavior and design of bolted and welded connections, including moment-resistant connections, seated connections and gusset-plate connections.

Reason: To provide an updated course description.