

Course Catalog - Spring 2010

Civil and Environmental Engineering

415 ***Geometric Design of Roads*** credit: 4 hours.

Analysis of factors in developing a highway transportation facility; traffic estimates and assignment; problems of highway geometrics and design standards; planning and location principles; intersection design factors; street systems and terminal facilities; programming improvements; drainage design; structural design of surface; concepts of highway management and finance; highway maintenance planning. Prerequisite: CEE 310.