

Course Catalog - Spring 2010

Civil and Environmental Engineering

453 ***Urban Hydrology and Hydraulics*** credit: 4 hours.

Hydraulic analysis and design of urban, highway, airport, and small rural watershed drainage problems; discussion of overland and drainage channel flows; hydraulics of storm-drain systems and culverts; determination of design flow; runoff for highways, airports, and urban areas; design of drainage gutters, channels, sewer networks, and culverts. Prerequisite: CEE 350.