Course Title: CENG 5137/ CENG 5137G
Pre-requisite(s): A minimum grade of "C" in CENG 2131 or permission of instructor.

Course Description
This course integrates concepts developed in Fluid Mechanics with fundamental hydrologic and hydraulic processes used in the analysis and design of urban drainage, flood control, and measurement structures. Hydrology topics include the hydrologic cycle, precipitation, hydrograph analysis, evapotranspiration, runoff, and flood routing. Hydraulics topics include open channel flow, hydraulic design, pump classification, pump and system curves, and water/wastewater pumping stations.

(CENG 5137G) Graduate version requires a research component.

Credit Hours: 3
Lecture Hours: 2
Lab Hours: 2
Instructor: TBA
Class Schedule: TBA