

CIVE 440. TRAFFIC ENGINEERING AND SIMULATION.

Credits: 3

Offered by: Civil Engineering (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Driver, vehicle and traffic flow characteristics; origin-destination studies, traffic studies and analysis, queuing theory applications, microsimulation, highway design and capacity analysis, non-motorized facility design, HOV lane design, public transportation priority design, parking analysis, traffic signal design and control, traffic microsimulation with HCS, VISSIM and SYNCHRO.

- (3-3-3)
- Prerequisite: CIVE 319 (a D grade is acceptable for prerequisite purposes)

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