

CE685a: Urban Transportation

3-0-0-0 [5], modular

Course Contents:

Urban form, urban transportation and their evolution; Urban travel characteristics; Demand analysis (trip generation, distribution, mode and route choice, etc.); Supply analysis (road network: overview of the pre-requisite courses); Supply analysis (public transportation: route and schedule; development, fleet size determinations, etc.); Congestion mitigation (demand modification, private and public transportation solutions).