

Course Catalog - Spring 2010

Civil and Environmental Engineering

512 ***Logistics Systems Analysis*** credit: 4 hours.

Planning, design and operations of complex logistics systems: logistics costs; production, transportation and distribution systems; lot-sizing; traveling salesman problem (TSP) and vehicle routing problem (VRP); transshipments; facility location problem; supply chain management and inventory control; order instability; analytical methods and practical solution techniques. Prerequisite: CEE 310 and IE 310.