CEE 404 Syllabus

Class Information

Class: CEE 404 Infrastructure Construction
Days: Wednesday & Friday
Time: 10:30 p.m. to 12:20 p.m.
Location: 042 EEB (electrical engineering building)
Website: http://courses.washington.edu/cee404

Description: Covers basic concepts of large infrastructure construction projects including planning, scheduling, life-cycle cost analysis (LCCA), construction cost, logistics and productivity. The bulk of the class explores these concepts in detail through a 7-week group project that plans a major repaving of an I-5 section in the urban Seattle area. This effort will use state-of-the-art software including CA4PRS, HIPERPAV and the FHWA’s probabilistic LCCA to plan construction and investigate traffic impact and overall cost. Each group will submit a project report and give a 15-minute presentation on their proposed approach.

Instructor: Steve Muench
Office: 133C More Hall
Office hours: MW 3:30 - 4:30 p.m., Th 10:00 – 11:00 a.m.
or by appointment, drop-ins welcome
Phone: 206.616.1259
E-mail: stmuench@uw.edu

Textbook: None that you have to buy.
Reading assignments will involve a number of current articles, technical papers or manuals relevant to the subject matter. See the “readings” section on the class website for the latest list of required reading.