

CE 890 Graduate Seminar

DATE: September 29, 2010
TIME: 4:00 p.m. (refreshments at 3:45 p.m.)
PLACE: 1052 Rathbone Hall
SPEAKER: Barry M. Bidinger (M.S. distance learning student)
(Advisor: Dr. Hayder Rasheed)
TOPIC: “Course Work Compilation & Integration into Project Work”

ABSTRACT

The presentation discusses construction cost estimating principals and techniques as applied to infrastructure projects used to support the National Airspace System as regulated by the Federal Aviation Administration. The presentation explores the inner workings of construction projects managed by the FAA including planning and budgeting processes, cost estimating tools and models, BIM (Building Information Modeling), and government ethics. Building Information Modeling is one of the latest A&E (Architectural & Engineering) techniques applied to conceptual building construction today. A review of various FAA facility types is also discussed. An overview of FAA organizational structure to support and plan infrastructural projects is presented. KSU coursework application into occupational project work is illustrated.