INSTRUCTOR:  William F. Eichfeld       OFFICE:  ENGR B, Room 30
453-7838 (Office)       OFFICE HOURS:  1:00 - 2:50 pm MTWThF
457-5242 (Home-Before 9:00 p.m.)
eichfeld@engr.siu.edu

LABORATORY INSTRUCTOR:  Dylan M. Grant

Important Facts:  
http://pvcaasiu.edu/Forms/index.html  (The syllabus attachment is at the bottom of the page.)

TEXT:  None

OBJECTIVES: To show how engineers convey the necessary design information, design drawings, and specifications for construction purposes in the CADD environment. To demonstrate techniques and skills associated with developing and understanding design drawings and construction plans. To provide a comprehensive introduction to civil engineering drawings.

CATALOG DESCRIPTION:  A study of civil engineering drawings and their relationship to engineering design in the CADD environment. Emphasis is on the skills associated with developing and understanding design drawings, including construction plans and related documents, for engineering design. Prerequisite: CE 263 or concurrent enrollment

GRADING:
90 % - 100 % = A
80 % -  89 % = B
70 % -  79 % = C
60 % -  69 % = D
0 % -  59 % = F
Detailed information will be provided in Lab.

LECTURE SECTION SCHEDULE: Week of:
1/18  Introduction to Technical Drawings and CADD
1/25  Base Maps
2/01  Plan drawings, Profile drawings, Plan and profile drawings
2/08  Cross Sections and Typical Sections - Roadway
2/15    Structural Drawings – Bridge and Culvert Structural Drawings
2/22    Building Drawings
2/29    Building Information Modeling
3/07    Introduction to other CAD Platforms and software
3/14    Spring Break
3/21    General Notes, Schedules, and more Typical Details
3/28    Survey Points and 3D Surface Modeling
4/04    Specifications
4/11    Grading
4/18    CADD Standards and Reference Manuals
4/25    Quality Control and As-Built Drawings
5/02    Legal Significance of Construction Plans and Specifications and Class Review
5/09    Final Exam week

FINAL EXAM
Thursday, May 12, 2016
2:45 p.m. – 4:45 p.m.