

CUMBERLAND COUNTY COLLEGE

Course: IT 215 Historic Documentation Through CAD

Credits: 3

Prerequisites: By permission of instructor only

Description:

Students will learn to document historical structures in the county through field visits and convert the measured drawings into architectural prints using CAD.

Learning Outcomes:

Upon successful completion of this course, students will be able to:

- Measure existing structures and components
- Convert field measurements to accurate AutoCAD documents
- Accurately represent historic architectural components in AutoCAD
- Comply with Historic American Buildings Survey standards
- Compile a full set of HABS drawings

Topical Outline:

Students spend the first several weeks of the course documenting a historic structure through field measurements. The field notes are then taken to the CAD lab and converted into AutoCAD drawings. The drawings are then compared with the existing structure for representative accuracy. The final product is a full set of AutoCAD drawings which comply with HABS standards (i.e. accurate to within ¼ inch) and which include floor plans, elevations, cross-sections, and details. The drawings are submitted to the HABS record and archived in the Library of Congress.

Text:

HABS/HAER Standards (downloadable .pdf document) – no cost to student

Student Assessment:

Assessment may be accomplished through projects, portfolios, exams, presentations and/or papers. Students are assessed on participation and accuracy/completeness of completed drawings.

Academic Integrity:

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense.

As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Tutoring & Project Assist:

If you are having difficulty with work in this class tutoring is available through the Center for Academic & Student Success. If you think that you might have a learning disability, contact Project Assist at 856.691.8600 x 1282 for information on assistance that can be provided to eligible students.

Before Withdrawing From This Course:

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA, which can limit or eliminate future financial aid in addition to causing academic suspension.