
COURSES

CNS 110 CONSTRUCTION MGMT. & COMPUTING**1 Lecture Hour 1 Lab Hour 1 Credit Hour**

This course is an introduction to Construction Management and computer applications for the construction industry. Course work includes the use of project management and document management software and the use of scheduling software and estimating software. Additionally the use of virtual model manipulation for managing a BIM (Building Information Modeling) workflow for the purpose of construction will be introduced.

CNS 240 CAPSTONE PROJECT**1 Lecture Hour 6 Lab Hours 4 Credit Hours**

CNS240 is a culmination of the Construction Technology student's studies at the college. Students will work in groups with the Architectural Technology students to develop a project from project development through schematic design and design development through construction drawings. CNS students will be responsible for a partial set construction drawings of the same building and a building materials takeoff and cost estimates of the building. Both groups of students will prepare a booklet of product data sheets for their projects. Building types include small schools, apartment houses, office buildings, department stores, and dining halls. All of the drawings for this course will be prepared on the computer using the AutoCAD system. Prerequisite: ARC 205, ARC 214, and CNS 110

CNS 271 SPECIAL STUDY PROJECT I**1 Lecture Hour 0 Lab Hours 1 Credit Hour**

A special learning experience designed by one or more students with the cooperation and approval of a faculty member. Study plans will include research, analysis, and presentations or other projects, which advance the student's knowledge and competence in the field of architectural technology. The student's time commitment will be approximately 35-50 hours.

CNS 272 SPECIAL STUDY PROJECT II**2 Lecture Hours 0 Lab Hours 2 Credit Hours**

Similar to CNS 271, except that the student's time commitment to the project will be approximately 70-90 hours.

CNS 273 SPECIAL STUDY PROJECT III**3 Lecture Hours 0 Lab Hours 3 Credit Hours**

Similar to CNS 271, except that the student's time commitment to the project will be approximately 105-135 hours.