COLLIN COLLEGE

COURSE SYLLABUS

Course Information

Course Number: DFTG 2432

Course Title: Advanced Computer-Aided Drafting

Course Description: Application of advanced CAD techniques.

Course Credit Hours: 4
Lecture Hours: 3
Lab Hours: 2

Prerequisite: DFTG 2319

Student Learning Outcomes: Upon successful completion of this course, students should be able to do the following:

1. Create and use a customized CAD system (SCANS: F1,F2,F3,F4,F6,F7,F8,F9,F10,C11,C12,C13,C14,C15,C17)
2. Create documents and/or solid models (SCANS: F1,F2,F3,F4,F5,F8,F9,F12,C7,C8,C14,C19)
3. Use OLE with external software. (SCANS: F1,F2,F3,F4,F5,F11,F15,C3,C11,C12,C13,C14)

Additional Collin Outcomes: Upon successful completion of this course, students should be able to do the following:

1. Write programs to enhance capabilities of the CAD system (SCANS: F1,F2,F3,F6,F8,F9,C15,C17)
2. Design and access databases to enhance the production of drawings. (SCANS: F1,F2,F3,F4,F7,F9,F11,F12,C14)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS) - SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at:
http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook.*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.