

Course Syllabus

Wayne County Community College District

CIS 112 Structured Design

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

Prereq: CIS 110

Designed to introduce problem solving methods, algorithm development and designing, coding, debugging and documenting programs using techniques of top-down, structured programming style.

EXPECTED COMPETENCIES

Upon successful completion of this course, the student will:

1. Create each of primitive features
2. Perform each of the Boolean operation
3. Perform the edit feature option, edit parameters, move and delete features
4. Construct from features such as hole slot, groove, pocket, boss and pad
5. Position a form feature on an existing solid object
6. Perform the edit feature options, edit position
7. Construct ab extruded or revolved body
8. Construct datum planes and datum axis

ASSESSMENT METHODS

Student performance may be assessed by examination, quizzes, case studies, oral reports, group discussion, written reports or presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE

90%-100% = A
80%-89.9%= B
70%-79.9%= C
60%-69.9%= D
<60% = E