



Wayne County Community College District

COURSE SYLLABUS

CAD 200 UG FREE FORM MODELING

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00

COURSE DESCRIPTION:

Definition of complex surfaces and their intersections. Includes cylinder, convolutes and double curved surfaces of all types.

PREREQUISITE: CAD 102, CAD 222 (Lab Fee)

EXPECTED COMPETENCIES:

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

- To increase the students drafting technical knowledge.
- Develop an understanding of drafting terminology.
- Understand the use of the different scales as used in the field.
- Identify and use common dimensioning systems.
- Understand basic use of orthographic views.
- Understand what an engineering drawing is.
- Obtain academic and technical skills that are transferable to a four-year institution offering a bachelor of science in mechanical engineering technology.

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral 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