



Wayne County Community College District

COURSE SYLLABUS

PDP 205 3D Surface Scanning

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

In this course students will be introduced to state-of-the-art surface scanning equipment, as well as setup, calibration and project processing techniques.

PREREQUISITES: PDP 100, PDP 120

EXPECTED COMPETENCIES:

Upon successful completion of the course, the student will:

- Demonstrate ability to set up and calibrate equipment
- Demonstrate concepts to part setup prior to scanning
- Exhibit skill in surface scanning techniques
- Determine if all necessary surfaces have been captured to perform desired project goals
- Follow proper safety protocols
- Perform basic cleanup, care and maintenance on equipment

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