



Wayne County Community College District

COURSE SYLLABUS

PDP 200 Advanced Rapid Prototyping

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

In this course students will expand upon their knowledge of rapid prototyping including printer optimization, high resolution and large models.

PREREQUISITES: PDP 100

EXPECTED COMPETENCIES:

Upon successful completion of the course, the student will:

- Demonstrate ability to optimize the print bed
- Demonstrate ability to properly arranging multiple models in one print run
- Generate high resolution models
- Divide and print multiple pieces for later assembly in large models
- 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