



Wayne County Community College District

COURSE SYLLABUS

CNC 245 CNC Intuitive Programming

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

In this course students will be exposed to Intuitive Programming System (IPS). This software simplifies the development of full CNC programs. Students will learn how to access the IPS menus, turn the system on and off, as well as work-flow and the use of IPS Recorder.

PREREQUISITES: CNC 235

COREQUISITES: CNC 240

EXPECTED COMPETENCIES:

Upon successful completion of the course, the student will:

- Demonstrate ability to access IPS menus (turn on and off IPS)
- Demonstrate knowledge of IPS Recorder
- Exhibit ability to program and operate IPS programs
- Exhibit ability to output to current program
- Demonstrate safe set-up and operation of Turning Centers

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