Course Number NCT 174

WASHTENAW COMMUNITY COLLEGE
COURSE SYLLABUS

Department: Numerical Control (NCT)

New Course [X]

Course Number: 174

Existing Course [ ]

Course Title: CoOp Numerical Control

Credit Hours: 1-3 (variable)

Prerequisites: NCT 112, 121, 122 Successful completion of first semester NCT courses and faculty approval.

Corequisites:

Catalog Course Description: In this course, the student gains skills from a new experience in an approved, compensated, industry related position. Together with the instructor and employer, the student sets up work assignments and learning objectives to connect classroom learning with career-related work experience.

(Please numbers in the appropriate boxes)

Contact Hours per week in a lecture/recitation setting	[ ]	
Contact Hours per week in a laboratory setting	[ ]	
Contact Hours per week in a clinical setting	[ ]	
Contact Hours per week in a work setting	[X]	8-40 variable

Total Contact Hours (per semester): min. 120 hrs/1 credit - max. 600 hrs/5 credits

Course Justification: (Check all that apply.)

- [X] program specialty
- [ ] college transfer
- [ ] support course
- [ ] division core
- [ ] industry training
- [ ] personal development
- [ ] core curriculum

Prepared By Roger Dick (Faculty Member) Date 4/20/94

Reviewed By _____ (Department Chair for Department) Date _____

Approved By Roger R. Burton (Dean) Date 5/20/94

RECEIVED
APR 25 1994
VICE PRESIDENT
Instruction & Std. Svcs.

Course NCT 174

COURSE OBJECTIVES: Use student outcome based language and format. (Ex: The student will define and state the cause of the six major respiratory diseases.)

(Use one page for each instructional unit).

Major Instructional Unit# 1 Heading:

Objective #1: The student with the instructor and employer will complete a Cooperative Education Work Agreement which will include hours of work, location, rate of pay and specific assignments.

Objective #2: Using the Student Learning Objectives Form, the student with the instructor and employer will complete a learning plan for the semester. This plan will include a minimum of three learning objectives and criteria for evaluation specific to the students work experience.

Objective #3: Using the Student Report on Cooperative Work Experince Form, the student will write a final report on the COOP experience containing the following items:

* A description of the assignment
* A summary of skills and abilities used on the job
* Ways in which coursework was integrated into job tasks
* An assessment of how well the objectives established at the beginning of the assignment were achieved.
* Other reactions to and/or impressions of the experience.

Objective #4:

Objective #5:

Objective #6:

Objective #7:

(Add additional pages if necessary)

Course NCT 174

INSTRUCTIONAL METHODS: (Check the appropriate boxes and describe as needed.)

- [ ] Lecture
- [ ] Clinical
- [ ] Self-Paced
- [ ] Seminar
- [ ] Telecourse
- [ ] Other _____
- [ ] Laboratory
- [x] On-Site Work Experience

EVALUATION CRITERIA: (Check the appropriate boxes and describe as needed).

- [x] Attendance _____
- [ ] Class Discussion _____
- [ ] Papers _____
- [ ] Portfolio _____
- [x] Project _____
- [x] Reports _____
- [x] Work Performance _____
- [ ] Quizzes _____
- [ ] Tests _____
- [ ] Midterm _____
- [ ] Final Exam _____
- [ ] Independent Study _____
- [ ] Other (Audition, etc.) _____

ATTENDANCE REQUIREMENTS: (For Certification or nonevaluative purposes).

_____

SPECIAL EQUIPMENT/FACILITY AND ACTIVITY REQUIREMENTS: (Check the appropriate boxes and describe as needed).

- [ ] Lab equipment
- [ ] LRC Reserves
- [ ] Computers
- [ ] Field Trips
- [ ] Testing in Testing Center
- [ ] Student Regional Competitions
- [ ] Off Campus Sites
- [x] Other Faculty site visits

(Attach an additional page if necessary).

PRIMARY TEXT: (Disregard if text is not used).

Title:
Author:
Publisher:

Copyright Yr:
Est. Cost:

(Attach an additional page if more than one primary text is used).