

Syllabus

MCHN 2380

Cooperative Education III – MACHINE TECHNOLOGIST

Machine Technology

BRAZOSPORT COLLEGE

LAKE JACKSON TEXAS

PREPARED BY: Mic Comley
INSTRUCTOR

DATE: September 2015

RECOMMENDED BY: _____
DIVISION CHAIRMAN

DATE: _____

APPROVED BY: _____
DEAN

DATE: _____

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BRAZOSPORT COLLEGE
500 COLLEGE DRIVE
LAKE JACKSON, TEXAS 77566

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COOPERATIVE EDUCATION III- MACHINE TECHNOLOGIST

COURSE DESCRIPTION

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary.

(1-20)

COURSE FOCUS

Documentation and validation of learning experiences while in a cooperative education experience. In addition individual student concerns will be addressed

TEXT AND REFERENCES

ADDENDUM B	MACHINE TECHNOLOGIST TRAINING PLAN
ADDENDUM C	WEEKLY WORK EXPERIENCE FORM
ADDENDUM D	TRAINING AGREEMENT
ADDENDUM E	PERIODIC RATING

COURSE GOALS

The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives (Addendum A). (*designates a CRUCIAL goal)

1. list elements essential for promotions
2. list the benefits of continuing educational experiences
3. identify learning experiences on the job
4. identify areas of required additional training
5. identify experiences using trade tools
6. identify experiences using trade machines
7. identify experiences handling materials of the trade
8. identify experiences completing associated trade experiences
9. organize a sample personal record keeping system
10. list the benefits of organizing personal expenditures
11. compare financial options
12. calculate interest
13. describe insurance options
14. list insurance requirements

STUDENT CONTRIBUTIONS

Students are expected to attend regularly scheduled classes. They should complete all reading and outside class assignments prior to the scheduled meetings. The student will complete weekly work experience reports and keep the coordinator informed of on-the-job situations effecting learning experiences. Students will be asked to complete an Instructor/Course Evaluation at the end of the course.

COURSE EVALUATION

Grades will be based on the following criteria:

Supervisor's Rating	5%
Weekly Work Experience Forms	37.5%
Coordinator's Rating	7.5%
Weekly Class Assignments	30%
Final Examination	20%

A = 100 - 90

B = 89 - 80

C = 79 - 70

D = 69 - 60

F = 59 and below

COURSE SCHEDULE

The class meets for 1 lecture hour and 20 lab hours as served on-the job per week.

ADDENDUM A

PERFORMANCE OBJECTIVES

1. The student will not be allowed references. Content goals 1, 10 and 2 should be used as a study source. The student will complete an instructor administered test. Performance will be satisfactory if the student lists 60% of the content in correct chronological order.
2. The student will be allowed references. Content goal 9 should be used as a study guide. The student will organize a sample personal record keeping system. Performance will be satisfactory if the scores a minimum of 60% on the check sheet for the record keeping system.
3. Using job assignments the student will complete a minimum of 15 weekly work experience forms. Content goals 3 - 8 should be used as reference. Performance will be satisfactory if the student scores a minimum of 45 out of the 75 available points.
4. The student will be allowed references. Content goal 11 and 12 should serve as a study guide. The student will list possible financial options, contact three of the options, calculate interest charges and select the best source of funding. Performance will be satisfactory if the selection can be justified based on interest and actual costs.
5. The student will be allowed references. Content goals 13 and 14 should serve as a reference. The student will identify personal insurance requirements, select one to do comparative shopping and make a recommendation. Performance is satisfactory if the student completes the assignment with a minimum score of 60%.