College of Micronesia – FSM

**P.O. Box 159**

## Kolonia, Pohnpei

### Course Outline Cover Page

 Cooperative Education VCT 150

 Course Title Department and Number

**Course Description:** This is a semester long course designed to introduce students to all aspects of construction setting through internship. The course will place the student in the work place to experience working in a real life scenario. Students will be expected to seek internships and fulfill 180 hours of On-the-Job-Training (OJT) before the semester ends. Application of knowledge acquired from lecture and lab instruction to gain relevant practical on-the-job experiences to construct, repair and maintain buildings in an actual construction setting. The apprentice will be supervised by an experienced service individual within the sponsoring business who will work with the carpentry program supervisor in evaluating student progress, performance and grading. Internship is required to complete certificate program requirements.

**Prepared by:** Xavier Yarofmal **State:** Pohnpei Campus

 Hours per Week No. Of Weeks Total Hours Semester Credits

Internship

Fall or Spring Semester: 11.25 16 180 6

Summer: 30 6 180 6

 Total Semester Credits: 6

**Purpose of Course** Degree Requirement \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Degree Elective \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Advanced Certificate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Certificate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_XX\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Remedial \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Other (Workshop) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Prerequisite Course(s):** VAE 103, VCE 195, VCT 153, VCT 154, VCT 163, VCT 173, VCT 183, VSP 153a, or Instructor’s approval.

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**Signature, Chairman, Curriculum Committee** **Date Approved by Committee**

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**Signature, President, COM-FSM**  **Date Approved by the President**

**A. PROGRAM LEARNING OUTCOMES (PLO’s):**

Upon completion of the program, the student will be able to:

1. Identify safety and occupational health requirements in the Carpentry trade.
2. Use competently specified hand and power tools.
3. Perform basic hand skills in constructing projects to given specifications.
4. Interpret construction information from blueprint drawings.
5. Participate in the construction industry.

**B. STUDENT LEARNING OUTCOMES (SLO’s)- GENERAL:**

The student will be able to:

1. Demonstrate technical knowledge of his/her trade and apply the same to the directed work experience.
2. Demonstrate proper work ethics typically expected at the workplace.
3. Complete given tasks as appropriate to his/her trade.

**PLO / SLO MATRIX**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SLO | PLO1 | PLO2 | PLO3 | PLO4 | PLO5 | PLO6 | I – IntroducedD-DemonstratedM- Mastery at level appropriate for graduation |
| 1 |  |  |  |  |  | I,D |
| 2 |  |  |  |  |  | I,D |
| 3 |  |  |  |  |  | I,D |

**C. STUDENT LEARNING OUTCOMES (SLO’s)-SPECIFIC:**

The student will be able to:

Learning Outcome 1: Demonstrate technical knowledge of his/her trade and apply the same to the directed work experience.

|  |  |
| --- | --- |
| Student Learning Outcomes | Assessment Strategy |
| 2.1 Perform carpentry jobs as directed by supervisor. | Worksheet completed by student or supervisor from sponsoring company. |
| 2.2 Report work carried out.  |

Learning Outcome 2: Demonstrate proper work ethics typically expected at the workplace.

|  |  |
| --- | --- |
| Student Learning Outcomes | Assessment Strategy |
| 3.1 Show proper work ethics in the following areas:* Work attitude
* Cooperation
* Initiative
* Quality of work
* Quantity of work
* Personal growth
* Alertness
* Safe work habits
* Appearance
* Attendance
 | Supervisor’s evaluation of student during the on-the-job training from the Work Experience and Training Evaluation form |

Learning Outcome 3: Complete given tasks as appropriate to his/her trade.

|  |  |
| --- | --- |
| Student Learning Outcomes | Assessment Strategy |
| 4.1 Complete a worksheet signed by supervisor. | Worksheet or timesheet completed by student or supervisor from sponsoring company stating number of hours worked each day including jobs carried out. |
| 4.2 Complete 180 hours of on-the-job training. |

**D. COURSE CONTENT**

* Note: There is no course content as this is an internship course for experiential learning.
1. **METHODS OF INSTRUCTION**
* Experiential/hands-on learning carried out at the workshop or construction site.

F. **REQUIRED TEXT(S) AND COURSE MATERIALS**

* None

G. **REFERENCE MATERIALS**

* Allen, E. (1990), *Fundamentals of Building Construction- materials and methods*. Massachusetts: John Wiley & Sons. Or the latest edition.
* Freirer, J. L., Freirer, M. D., & Hutchings, G. R., (1997), *Carpentry and Building Construction*. Fifth edition. New York: Glencoe McGraw-Hill. Or the latest edition.

H. **INSTRUCTIONAL COSTS**

* None

I. **EVALUATION**

* Students will be evaluated according to the Work Experience and Training Evaluation form filled in by the sponsoring company supervisor and the number of hours worked during the internship period. Program instructor will monitor and review student’s performance and calculate student’s grade by the following:

 Work Experience & Training Evaluation from Supervisor: 60%

 Number of hours worked: 40%

 Total:100%

L. **CREDIT BY EXAMINATION**

* None