COLLEGE OF THE MARSHALL ISLANDS

COURSE OUTLINE COVER SHEET

CIP No. 46.0000
VCARP 101
Alpha Number

Introduction to Construction
Course Title

Course Description
Covers common construction materials, products, and systems as well as construction efficiency and safety in the delivery, handling, and installation of building materials.

Course prepared by: Diane Myazoe-deBrum

Vocational & Continuing Education

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<tr>
<th></th>
<th>Hours per Week</th>
<th>Number of Weeks</th>
<th>Total Hours</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>1</td>
<td>16</td>
<td>16</td>
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<tr>
<td>Laboratory</td>
<td>6</td>
<td>16</td>
<td>96</td>
<td>2</td>
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<tr>
<td>Clinical</td>
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<tr>
<td>Seminar</td>
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Total Credit Hours 3

Purpose of Course:
Degree Requirement
Degree Elective
General Education
Certification X
Developmental
Other

Prerequisite(s)


Signature, Curriculum Committee Chairperson
Date

Signature, Dean of Academic Affairs
Date

Vice President of Academic and Student Affairs
Date

Last date reviewed or revised: October 2013

Approved by CAC 11/04/2013
I. **Introduction to Construction**

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II. Course Outcomes

A. General Learning Outcomes

The student will:
1. Identify correctly building materials, products, and systems (VCARP 1, 3)
2. Use safety in the delivery, handling, and installation of building materials (VCARP 1, 3)

B. Student Learning Outcomes

Upon completion of this course, the student will be able to:
1. Identify building materials, products, and systems
2. Apply safe handling in the delivery and installation of building materials

III. Course Content

Students will be provided with an introduction to the various building materials and their practical applications in the construction field.

1. Terms and definitions
2. Wood characteristics
3. Types of wood
4. Types and grading
5. Wood panels
6. Trims & moldings
7. Fasteners
8. Estimation & requisitions
9. Building materials

IV. Methods of Instruction

1. Lecture
2. Discussion
3. Demonstration
4. Laboratory work
5. Field trips (site observation)
6. Apprenticeship

V. Equipment and Materials

1. Hand tools
2. Overhead projector
3. Transparencies

Approved by CAC 11/04/2013
4. Shop Equipment  
5. Power tools  
6. TV & DVD 

VI. Suggested Methods of Evaluation  

1. Tests  
2. Quizzes  
3. Homework  
4. Labs  
5. Projects  

Letter grades will be assigned per CMI Grading System.