**Course Title:** Construction Trades Internship Year I (A)  
**Course Prefix and Number:** CARP 1260  
**Submitted By:** Leo Lukas  
**Approval Date:**  
**Semester Course Prefix and Number:**  
**Old Quarter Course Prefix and Number:**  
**Number of Credits:** 7  
**Number of Lecture Credits:** 7  
**Number of Lab Credits:**  
**Number of Lab Hours:**  
**Number of Studio/Demonstration/Internship Credits:**  
**Semester(s) Offered:**  
**Class Size:** 24  
**Negotiated by AASC on:** (1/10/19)  

**Number of Credits:** 7  
**Number of Lecture Credits:** 7  
**Number of Lab Credits:**  
**Number of Lab Hours:**  
**Number of Studio/Demonstration/Internship Credits:**  

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**Course Purpose Code:**
- 0 – Developmental Courses
- 1 – Non-transferable
- 2 – Technical course related to career programs
- 3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
- 4 – Other college course not considered a part of MNTC (e.g. computer science, health, physical education)
- 5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.
- 6 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

**Catalog Description:**
This course provides the essential framework for students desiring to become proficient in the skilled trade of construction. It is through this internship the student has the opportunity to learn the necessary skills through lecture and a hands-on approach with a licensed contractor. The course will include lecture and fieldwork. This course provides an in depth study of how to analyze building specifications and drawings in order to determine system requirements and installation.

**Prerequisites and/or recommended entry skills/knowledge:**
Course Prerequisite(s):
Core Construction Trade Skills
Reading Prerequisite:
Composition Prerequisite:
Mathematics Prerequisite:

**Career Programs and Transfer Majors Accessing this Course:**

**Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:**
(Notes: No more than two goals may be met by any one course. AASC review and the Chief Academic Officer’s approval are required.)

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<thead>
<tr>
<th>Goal</th>
<th>Description</th>
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<tbody>
<tr>
<td>0</td>
<td>None</td>
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<tr>
<td>1</td>
<td>Communications</td>
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<tr>
<td>2</td>
<td>Critical Thinking</td>
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<td>3</td>
<td>Natural Sciences</td>
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<td>4</td>
<td>Mathematical/Logical Reasoning</td>
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<tr>
<td>5</td>
<td>History and the Social and Behavioral Sciences</td>
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<tr>
<td>6</td>
<td>The Humanities and Fine Arts</td>
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<td>7</td>
<td>Human Diversity</td>
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<td>8</td>
<td>Global Perspectives</td>
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<td>9</td>
<td>Ethical and Civic Responsibility</td>
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<td>10</td>
<td>People and the Environment</td>
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**Learning Outcomes:** (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

- Read and interpret specifications and drawings to determine floor, wall, and roof system requirements and estimate materials
- Identify the different types of floor, wall and roof framing, and their components
- Describe the construction methods for floor, wall and roof systems and their components
- Identify the components of the building envelope
- Describe and demonstrate the requirements for a proper window installation
- State the proper door and hardware installation
- Identify different types of stairways
- Identify the components of stairs and describe the procedure used to determine the total rise and size of risers and number of treads

**Student Assessment Methods:**
Assessment methods will be determined by the instructor.

**Use of Instructional Technology:** (includes software, interactive video and other instructional technologies): May include:
- Bright Space Desire to Learn
- PowerPoint presentations
- Internet web search

**Additional Special Information:** (special fees, directives on hazardous materials, etc.)

**Transfer Information:** (Please list colleges/majors that accept this course in transfer.)

**Affiliated Mesabi Range College Courses and Programs:**

**Approvals:**

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<thead>
<tr>
<th>Body</th>
<th>Representative Signatures</th>
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<tbody>
<tr>
<td>Faculty Association</td>
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<td>Academic Affairs Standards Committee</td>
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<td>Chief Academic Officer</td>
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**Distribution:** Original – Instructional Services

**Copies:** Transfer Specialist, Originating Faculty Member, Records

**Revised:** December 2012