## Course Outline

**Course Title:** Construction Trades Internship 1 (B)  
**Submit By:** Leo Lukas  
**Semester Course Prefix and Number:** CARP 1261  
**Approval Date:** 1/10/19  
**Old Quarter Course Prefix and Number:**  
**Revision Date:**  
**Number of Credits:** 7  
**Number of Lecture Credits:** 7  
**Number of Lab Credits:**  
**Number of Lab Hours:**  
**Number of Studio/Demonstration/Internship Credits:**  
**Class size:** 24  
**Negotiated by AASC on:** (1/10/19)

### 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 the hands-on approach with a licensed contractor. The course will include lecture and fieldwork. This course provides an in depth study of CFS system, building envelope, exterior finish, and drywall assembly.

### Prerequisites and/or recommended entry skills/knowledge:

- **Course Prerequisite(s):** Completion of Construction Trades Internship 1(A)
- **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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<th>0.</th>
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<tbody>
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<td>1.</td>
<td>Communications</td>
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<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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<td>History and the Social and Behavioral Sciences</td>
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<td>6.</td>
<td>The Humanities and Fine Arts</td>
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<td>Global Perspectives</td>
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<td>Ethical and Civic Responsibility</td>
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<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:
- Identify the components of a cold formed steel framing systems as well as the steps to layout and install
- Explain other steel framing applications
- Describe the various types and application of exterior finishes and the estimating procedure
- Identify the requirement for moisture control, waterproofing, ventilation and describe the methods for installation
- Explain the properties of different insulation and the safety issues involved when working with different types of insulation
- Describe components of a drywall assembly and the installation of drywall

**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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<tr>
<th>Body</th>
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<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