

# SYLLABUS

**DIVISION:** Business and Engineering Technology

**REVISED:** Spring 2014

**CURRICULA IN WHICH COURSE IS TAUGHT:** Building Trades

**COURSE NUMBER AND TITLE:** Bld 110 Introduction to Construction

**CREDIT HOURS: 3 HOURS/WK LEC: 3 HOURS/WK LAB: LEC/LAB COMB: 3**

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**I. CATALOG DESCRIPTION:** . : Covers basic knowledge and requirements needed in the construction trades. Introduces use of tools and equipment, with emphasis on construction safety, including personal and tool safety. Provides a working introduction to basic blueprint reading and fundamentals of construction mathematics

**I. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES:** This course provides information such as blueprint reading, construction mathematics, safety and use of power tools and equipment which are essential in any of the buildingtrades.

**II. REQUIRED BACKGROUND/PREREQUISITIES:** None

**IV. COURSE CONTENT:**

A. Tools and Equipment

1. Hand tools
2. Power saws
3. Drills
4. Power nailers
5. Ladders

B. Safety

C. Blueprint reading

**V. THE FOLLOWING GENERAL EDUCATION OBJECTIVES WILL BE ADDRESSED IN THIS COURSE (Place X by all that apply)**

Communications

Cultural and Social Understanding

Critical Thinking

Quantitative Reasoning

Personal Development

Scientific Reasoning

Information Literacy

**VI. LEARNER OUTCOMES****VII. EVALUATION**

<b>Learner outcome</b> <ul style="list-style-type: none"><li>• Identify tools and equipment, their uses, and proper care of them ....</li></ul>	<b>Evaluation method</b> Classroom exercises Written test Exam
<b>Learner outcome</b> <ul style="list-style-type: none"><li>• Understand the purpose of OSHA, learn practices for personal safety and keeping the worksite safe</li></ul>	<b>Evaluation method</b> Written test Exam
<b>Learner outcome</b> <ul style="list-style-type: none"><li>• Read and interpret plans, elevations, schedules, sections, and details contained in a basic set of blueprints</li></ul>	<b>Evaluation method</b> In class assignments Written test Exam

