



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title - Basic Construction Safety

Course Prefix and Number - CNBT 1210

Department -Engineering Design

Division - Technology & Business

Course Type: (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours #: Lecture Hours #: Lab/Other Hours #: 2:2:0

Equated Pay hours for course - 2

Course Catalog Description - Basic job site construction safety in residential, commercial, and industrial construction.

Prerequisites/Co-requisites – CNBT 1309 (or archived CNST 1361)

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

Prepared by: Jo Ann Shimek:

Date: 06/11/2015

Reviewed by Department Head: Jo Ann Shimek

Date: 06/11/2015

Accuracy verified by Division Chair: David Kucera

Date: 07/15/15

Approved by Dean or Vice President of Instruction: Leigh Ann Collins

Date: 12-18-15

I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

- Role of Construction Personnel in Safety and Health
- Job Safety and Hazard Analysis
- OSHA Construction Standard and Related Safety Practices
- Construction Safety and Health
- Basic Electrical Safety
- Material Handling and Storage
- Large Equipment Hazards
- Access Hazards
- Fire Protection and Prevention
- Personal Protective Equipment
- Noise Exposure
- Bloodborne Pathogens
- Airborne Pathogens
- Hazardous Waste Operations and Emergency Response
- Accident Investigation, Reporting and Record Keeping
- Promoting Safety
- Identify and Control Safety on Construction Sites
- Reduce Worker Injuries and Increase Productivity
- Ethics and Safety

II. Course Learning Outcomes

Learning Outcomes	Methods of Assessment
<p>Upon successful completion of this course, students will:</p> <ul style="list-style-type: none"> Define terms used in construction safety; Discuss local, state, and national standards of safety on the job site; List and describe the common hazardous materials and processes; Develop a tool box talk for the job site. 	<ul style="list-style-type: none"> Exams on factual material; Major Project -- oral presentation of "Tool Box Talk for the Job Site"

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Construction Safety and the OSHA Standards; by Dr. David L. Goetsch -- Prentice Hall Safety Orientation Pocket Guide, Paperback, 2/E; NCCER -- Prentice Hall

IV. Suggested Course Maximum - 20

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

None

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

Written Exams - 80%

Major Project - "Tool Box Talk" - 20%

A = 100 -90

B = 89-80

C = 79-70

D = 69-60

F = 59 or below

"C" or above in all degree specific classes

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed

- **Academic WCJC Core Course**
Attach the Core Curriculum Checklist, including the following:

- Basic Intellectual Competencies
- Perspectives
- Exemplary Educational Objectives

- **WECM Courses**
If needed, revise the Program SCANS Matrix & Competencies Checklist.