

Washtenaw Community College Comprehensive Report

IWT 210 Approved MSHA Instructor Course Conditional Approval Effective Term: Fall 2011

Course Cover

Division: Vocational Technologies

Department: United Association Department

Discipline: Ironworker Instructor Training

Course Number: 210

Org Number: 28700

Full Course Title: Approved MSHA Instructor Course

Transcript Title: Approved MSHA Instructor

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Web Page

Reason for Submission: New Course

Change Information:

Rationale: This course is part of the Ironworker ITP.

Proposed Start Semester: Fall 2011

Course Description:

This course will provide the participants with a detailed presentation of the Federal Mine Safety & Health Administration's (MSHA) training requirements (CFR Title 30 Part 46, and Part 48) for personnel employed at mine facilities. It will introduce the participants to the training materials developed by the National Fund and MSHA, including an overview of a surface mine operation (conveyors, ball mills, crushers, etc.). Upon completion of the course, the participant's name will be submitted to the Department of Labor for approval as an instructor of Surface or Underground Mining Training. Limited to Ironworker Instructor Training program participants.

Course Credit Hours

Variable hours: No

Credits: 1.5

The following Lecture Hour fields are not divisible by 15: Student Min ,Instructor Min

Lecture Hours: Instructor: 22.5 **Student:** 22.5

Lab: Instructor: 0 **Student:** 0

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 22.5 **Student:** 22.5

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

Resume detailing teaching and work experience related to mining operation must be presented the first day of the course.

and

Prerequisite

Submit current Red Cross (or equivalent) certification and the National Fund OSHA 500 Instructor card to the Safety Department according to due date stated in course catalog

General Education

Degree Attributes

Below College Level Pre-Reqs

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Explain all content presented by the Federal Mine Safety & Health Administration's (MSHA) training materials.

Assessment 1

Assessment Tool: Survey of Ironworker training coordinators/supervisors.

Assessment Date: Fall 2012

Assessment Cycle: Every Two Years

Course section(s)/other population: All

Number students to be assessed: Random sampling of 50% of all students teaching related topics the subsequent year.

How the assessment will be scored: The student's training activities at the home local will be scored and evaluated on a survey questionnaire covering the learning outcomes.

Standard of success to be used for this assessment: Based on the number of students who teach the related material in the subsequent year, 75% will score an average of satisfactory or better.

Who will score and analyze the data: The UA Program Administrator will coordinate the collection of data with the Ironworker Training Department and will discuss the results with the Ironworker Training Department and IWT faculty.

2. Deliver CFR Title 30, Part 56, and Part 48 of the Federal Mine Safety & Health Administration to apprentices at the home local.

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Course Objectives

1. Explain surface mine operations including conveyors, ball mills, and crushers

Methods of Evaluation

Matched Outcomes

1. Explain all content presented by the Federal Mine Safety & Health Administration's (MSHA) training materials.

2. Describe safety processes and guidelines relating to surface and underground mining

Methods of Evaluation

Matched Outcomes

2. Deliver CFR Title 30, Part 56, and Part 48 of the Federal Mine Safety & Health Administration to apprentices at the home local.

3. Explain step-by-step procedures and regulations relating to surface and underground mining safety

Methods of Evaluation

Matched Outcomes

2. Deliver CFR Title 30, Part 56, and Part 48 of the Federal Mine Safety & Health Administration to apprentices at the home local.

New Resources for Course

All required materials will be provided by the Ironworker Training Department.

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom

Reviewer

Action

Date

Faculty Preparer:

Faculty Preparer

*May 05,
2011*

Department Chair/Area Director:

Daniel Welch

Recommend Approval

*May 05,
2011*

Dean: *Daniel Welch*

Request Conditional Approval

*May 05,
2011*

Vice President for Instruction: *Stuart
Blacklaw*

Conditional Approval

*May 06,
2011*