

Washtenaw Community College Comprehensive Report

FMA 150 Energy Management Principles

Conditional Approval

Effective Term: Fall 2014

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Construction Institute

Discipline: Facility Management

Course Number: 150

Org Number: 14725

Full Course Title: Energy Management Principles

Transcript Title: Energy Management Principles

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: New Course

Change Information:

Rationale: New course for new certificate

Proposed Start Semester: Fall 2014

Course Description: In this course, students are introduced to principles for energy management of light industrial, commercial and multi family structures. Real world applications are highlighted, including understanding utility usages and costs, identifying and qualifying energy saving opportunities and determining return on investments.

Course Credit Hours

Variable hours: No

Credits: 3

Lecture Hours: Instructor: 45 Student: 45

Lab: Instructor: 15 Student: 15

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 60 Student: 60

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

Level 3

Requisites

Prerequisite

FMA 130 minimum grade "C"

General Education

Request Course Transfer

Proposed For:

Central Michigan University
 Eastern Michigan University
 Ferris State University
 Grand Valley State University
 Lawrence Tech
 Michigan State University
 Oakland University
 University of Michigan
 Wayne State University
 Western Michigan University

Student Learning Outcomes

1. Requesting conditional approval

Assessment 1

Assessment Tool: Requesting conditional approval

Assessment Date: Fall 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Rubric

Standard of success to be used for this assessment: 75 % will score 75% or higher

Who will score and analyze the data: Faculty

Course Objectives

1. Requesting conditional approval

Matched Outcomes

1. Requesting conditional approval

New Resources for Course

Course Textbooks/Resources

Textbooks
 Manuals
 Periodicals
 Software

Equipment/Facilities

Reviewer

Faculty Preparer:

Cristy Lindemann

Department Chair/Area Director:

Cristy Lindemann

Dean:

Marilyn Donham

Vice President for Instruction:

Bill Abernethy

Action

Faculty Preparer

Recommend Approval

Recommend Approval

Conditional Approval

Date

Mar 06, 2014

Mar 06, 2014

Mar 19, 2014

Mar 27, 2014