

UAT 110: UA/MCAA FOREMAN CERTIFICATION (UA 2012)

History

1. Dec 5, 2025 by Sera Bird (sabird)

Viewing: UAT 110 : UA/MCAA Foreman Certification (UA 2012)

Last approved: 2025-12-05T08:03:27Z

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Effective Term

Winter 2026

Rationale and proposal summary

Update UA course to reflect current technology and trends in the industry.

Course Cover

Full Course Title

UA/MCAA Foreman Certification (UA 2012)

Transcript Title

UA/MCAA Foreman Certif (2012)

Subject Code

UAT - United Association Training

Course Number

110

Department

United Assoc Dept (UAT Only) (UATD)

Banner Division

ATP

Division/College

Adv Tech/Public Serv Careers (AT)

Org Code

28200

Course Description

In this course, students will prepare to take and administer the UA/Mechanical Contractors Association of America (MCAA) Foreman Certification Exam. They will utilize instructor presentations and student group discussions to develop workplace and job site supervision methods. Students will also review and demonstrate the UA/MCAA Foreman Certification Exam elements and locate and navigate instructional resources to deliver course information at the local Training Center. At the end of the course, students will have the opportunity to take the UA/MCAA Foreman certification exam. Limited to United Association Program participants.

Has this course been approved for online or online blended?

Yes

Grading method

Standard Letter, Audit

CIP Code

469999 - Construction Trades, Other.

Occupational Indicator

Yes

ACS Code

130

Degree Attributes

BCL - Below College Level Pre-Reqs

Credit hours, contact hours, repeatability**Repeatable for additional credit**

No

Course credits

3

Lecture contact hours

45

Lab contact hours

3

Total Contact Hours

48

Expected Total Contact Hours

48

Prerequisites and prerequisite skill levels**College-Level Math**

No Level Required

College-Level Reading and Writing

College-level Reading and Writing

Approved Level I Prerequisite:

Academic Reading and Writing Levels of 6

Course Assessment Plan**Learning Outcome****Outcome**

Identify the duties and administrative responsibilities of a United Association foreman.

Assessment #1**Assessment Tool**

Outcome-related exam questions

Anticipated Next Assessment Year

2025

Anticipated Next Assessment Term

Summer

Assessment Cycle

Every Three Years

Anticipated assessment population

All students from all sections

How the assessment will be scored

Answer key

Who does the scoring?

U.A. instructors

Standard of success

80% of the students will score 80% or higher.

Assessment #2

Learning Outcome

Outcome

Recognize topics associated with the UA/MCAA Foreman Certification Exam.

Assessment #1

Assessment Tool

Outcome-related quiz

Anticipated Next Assessment Year

2025

Anticipated Next Assessment Term

Summer

Assessment Cycle

Every Three Years

Anticipated assessment population

All students from all sections

How the assessment will be scored

Answer key

Who does the scoring?

U.A. instructors

Standard of success

80% of the students will score 80% or higher.

Assessment #2

Learning Outcome

Outcome

Present an activity from UA resources for UA/MCAA Foreman available for use at the local Training Center.

Assessment #1

Assessment Tool

Presentation

Anticipated Next Assessment Year

2025

Anticipated Next Assessment Term

Summer

Assessment Cycle

Every Three Years

Anticipated assessment population

All students from all sections

How the assessment will be scored

Rubric

Who does the scoring?

U.A. instructors

Standard of success

80% of the students will score 80% or higher.

Assessment #2**Course Objectives**

	Objective(s)
1.	Identify various leadership responsibilities such as effective communication, problem solving, supervising, and delegating.
2.	Identify ways to develop and improve human interaction skills.
3.	Recognize different leadership styles and the process of teamwork, including how to influence team members to be more productive in the workplace.
4.	Discuss leadership qualities of UA/MCAA Foreman.
5.	Describe the foreman relationship with others on the construction site.
6.	Discuss responsibilities and duties of construction job hierarchies and management.
7.	Locate and list proper sequential documentation for a construction project.
8.	Discuss the elements of a project plan and schedule.
9.	Identify and describe safety requirements for a UA/MCAA foreman.
10.	Describe the elements of productivity measurement and the coordination of subcontractors and their suppliers.
11.	Discuss student and instructor access to UA resources available at their local Training Center.
12.	Locate, navigate, and download UA resources from United Association Online Learning Resource (UAOLR).
13.	Prepare and present a five-minute activity for student critique.
14.	Discuss administrative resources available on the UANET.org website.

General Education Area(s)**Area 1: Writing**

No

Area 2: 2nd Writing or Communication/Speech

No

Area 3: Mathematics

No

Area 4: Natural Science

No

Area 5: Social and Behavioral Science

No

Area 6: Arts and Humanities

No

MTA General Education

No

Review

Is conditional approval requested?

No

Is this course currently conditionally approved, and you are now submitting it for full approval?

No

Key: 8756

Washtenaw Community College Comprehensive Report

UAT 110 UA/MCAA Foreman Certification (UA 2012)

Effective Term: Fall 2020

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: United Association Department

Discipline: United Association Training

Course Number: 110

Org Number: 28200

Full Course Title: UA/MCAA Foreman Certification (UA 2012)

Transcript Title: UA/MCAA Foreman Certif (2012)

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Web Page

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Course title

Course description

Outcomes/Assessment

Objectives/Evaluation

Rationale: Update United Association course

Proposed Start Semester: Fall 2020

Course Description: In this course, students will identify and complete the UA/MCAA Foreman Certification Exam. Students will utilize instructor presentations and student group discussions to develop methods for workplace and jobsite supervision. Students will also review and demonstrate the elements of the UA/MCAA Foreman Certification Exam as well as locate and navigate instructional resources to deliver course information at the local Training Center. The title of this course was previously UA/MCA Foreman Certification. Limited to United Association program participants.

Course Credit Hours

Variable hours: No

Credits: 3

Lecture Hours: Instructor: 45 **Student:** 45

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

Lab: Instructor: 3 **Student:** 3

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

Total Contact Hours: Instructor: 48 **Student:** 48

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

General Education

Degree Attributes

Below College Level Pre-Reqs

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify the duties and administrative responsibilities of a United Association foreman.

Assessment 1

Assessment Tool: Outcome-related written exam questions

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: U.A. instructors

2. Complete the UA/MCAA foreman certification exam.

Assessment 1

Assessment Tool: UA/MCAA foreman certification exam

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: U.A. instructors

3. Prepare and present an activity from UA resources for UA/MCAA Foreman available for use at the local Training Center.

Assessment 1

Assessment Tool: Presentation

Assessment Date: Fall 2020

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: 80% of the students will score 80% or higher.

Who will score and analyze the data: U.A. instructors

Course Objectives

1. Identify various leadership responsibilities such as effective communication, problem solving, supervising, and delegating.
2. Identify ways to develop and improve human interaction skills.
3. Recognize different leadership styles and the process of teamwork, including how to influence team members to be more productive in the workplace.

4. Discuss leadership qualities of UA/MCAA Foreman.
5. Describe the foreman relationship with others on the construction site.
6. Discuss responsibilities and duties of construction job hierarchies and management.
7. Locate and list proper sequential documentation for a construction project.
8. Discuss the elements of a project plan and schedule.
9. Identify and describe safety requirements for a UA/MCAA foreman.
10. Describe the elements of productivity measurement and the coordination of subcontractors and their suppliers.
11. Discuss student and instructor access to UA resources available at their local Training Center.
12. Locate, navigate, and download UA resources from United Association Online Learning Resource (UAOLR).
13. Prepare and present a five-minute activity for student critique.
14. Discuss administrative resources available on the UANET.org website.

New Resources for Course

Course Textbooks/Resources

Textbooks

International Association of Plumbing and Mechanical Officials. *UA Foreman Training Manual*, First ed. IAPMO Group, 2018

Manuals

Periodicals

Software

Equipment/Facilities

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer:		
<i>Tony Esposito</i>	<i>Faculty Preparer</i>	<i>May 26, 2020</i>
Department Chair/Area Director:		
<i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>May 27, 2020</i>
Dean:		
<i>Jimmie Baber</i>	<i>Recommend Approval</i>	<i>May 27, 2020</i>
Curriculum Committee Chair:		
<i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Jun 19, 2020</i>
Assessment Committee Chair:		
<i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Jun 23, 2020</i>
Vice President for Instruction:		
<i>Kimberly Hurns</i>	<i>Approve</i>	<i>Jul 06, 2020</i>