

Washtenaw Community College Comprehensive Report

UAT 120 Principles of Project Management (UA 2015) Effective Term: Spring/Summer 2025

Course Cover

College: Advanced Technologies and Public Service Careers
Division: Advanced Technologies and Public Service Careers
Department: United Association Department (UAT Only)
Discipline: United Association Training
Course Number: 120
Org Number: 28200
Full Course Title: Principles of Project Management (UA 2015)
Transcript Title: Principles Project Mgmt 2015
Is Consultation with other department(s) required: No
Publish in the Following: College Catalog , Time Schedule , Web Page
Reason for Submission: Course Change
Change Information:

Consultation with all departments affected by this course is required.

Outcomes/Assessment

Objectives/Evaluation

Rationale: The course has been updated to reflect current industry trends using modern technology.

Proposed Start Semester: Spring/Summer 2025

Course Description: In this course, students will examine construction project management and the responsibilities of a project manager. Students will be able to define and chart the life cycle of a construction project from conception to completion, including estimates, templates, and warranty items. Administrative processes and responsibilities of trade and business are explained and discussed using a sample project and flow chart. Limited to United Association 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

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

Lab: Instructor: 1.5 Student: 1.5

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 24 Student: 24

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 construction project life cycle and the activities involved in each of the steps.

Assessment 1

Assessment Tool: Outcome-related essay questions

Assessment Date: Spring/Summer 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed 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

2. Identify the duties, accountabilities and responsibilities of all the key personnel involved in a construction project as it relates to a Project Manager and Field Foreman.

Assessment 1

Assessment Tool: Outcome-related exam questions

Assessment Date: Spring/Summer 2025

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. Create and present a short interval project plan.

Assessment 1

Assessment Tool: Outcome-related presentation

Assessment Date: Spring/Summer 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed 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. Outline and describe each of the steps of a construction project and the activities involved.
2. Define terms and acronyms used to describe construction documents.
3. Identify the key personnel and their roles in a construction project.
4. Compare and contrast foreman and project manager duties.
5. Identify methods and technology used for scheduling and planning a construction project.
6. Identify strategies to reduce costs on a project.
7. Define the purpose and the items covered under the warranty.

8. Discuss the benefits of continuing education with regards to project management.
9. Identify successful project planning methods.
10. Discuss the importance of proper timing when planning a project.
11. Discuss best practices and traits of a construction project manager.
12. Review instructional resources related to construction project management.
13. Identify the benefits of a detailed project plan.
14. Identify and review current technologies used to assist project plan creation.

New Resources for Course

Course Textbooks/Resources

Textbooks
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>Jan 21, 2025</i> |
| Department Chair/Area Director: <i>Marilyn Donham</i> | <i>Recommend Approval</i> | <i>Jan 22, 2025</i> |
| Dean: <i>Eva Samulski</i> | <i>Recommend Approval</i> | <i>Jan 25, 2025</i> |
| Curriculum Committee Chair: <i>Randy Van Wagnen</i> | <i>Recommend Approval</i> | <i>Apr 24, 2025</i> |
| Assessment Committee Chair: <i>Jessica Hale</i> | <i>Recommend Approval</i> | <i>Apr 26, 2025</i> |
| Vice President for Instruction: <i>Brandon Tucker</i> | <i>Approve</i> | <i>Apr 28, 2025</i> |

Washtenaw Community College Comprehensive Report

UAT 120 Principles of Project Management (UA 2015)

Effective Term: Fall 2020

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: United Association Department

Discipline: United Association Training

Course Number: 120

Org Number: 28200

Full Course Title: Principles of Project Management (UA 2015)

Transcript Title: Principles Project Mgmt 2015

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Course description

Outcomes/Assessment

Objectives/Evaluation

Rationale: Update United Association course

Proposed Start Semester: Spring/Summer 2020

Course Description: In this course, students examine construction project management and the responsibilities of a project manager. Students will be able to define and chart the life cycle of a construction project from conception to completion, including estimates, templates, and warranty items. Administrative processes and responsibilities of trade and business are explained and discussed using a sample project and flow chart. Limited to United Association program participants.

Course Credit Hours

Variable hours: No

Credits: 1.5

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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 construction project life cycle and the activities involved in each of the steps.

Assessment 1

Assessment Tool: Outcome-related essay 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: Departmentally-developed 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

2. Recognize the duties, accountabilities and responsibilities of all the key personnel involved in a construction project as it relates to a Project Manager and Field Foreman.

Assessment 1

Assessment Tool: Outcome-related multiple-choice 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

Course Objectives

1. Outline and describe each of the steps of a construction project and the activities involved.
2. Define terms and acronyms used to describe construction documents.
3. Identify the key personnel and their roles in a construction project.
4. Compare and contrast foreman and project manager duties.
5. Identify methods and technology used for scheduling and planning a construction project.
6. Identify strategies to reduce costs on a project.
7. Define the purpose and the items covered under the warranty.
8. Identify what resources are available to assist a project manager in the successful execution of a project.
9. Discuss the benefits of continuing education with regards to project management.
10. Identify successful project planning methods.
11. Discuss the importance of proper timing when planning a project.
12. Discuss best practices and traits of a construction project manager.

New Resources for Course

Course Textbooks/Resources

Textbooks

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 04, 2020</i> |
| Department Chair/Area Director: <i>Marilyn Donham</i> | <i>Recommend Approval</i> | <i>May 07, 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> |