

Washtenaw Community College Comprehensive Report

WEB 263 Business Analysis and Project Management Effective Term: Winter 2017

Course Cover

Division: Business and Computer Technologies

Department: Digital Media Arts

Discipline: Web Design and Development

Course Number: 263

Org Number: 14500

Full Course Title: Business Analysis and Project Management

Transcript Title: Business Analysis and Project

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: WEB advisory committee has indicated the need for this type of training and knowledge.

Proposed Start Semester: Winter 2017

Course Description: In this course, students will focus on the principles and practices of business analysis and project management in the context of web application development. Students will author use cases and develop either paper or digital prototypes of applications, considering both waterfall and agile project management methodologies.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 60 **Student:** 60

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

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

No Level Required

Requisites

Prerequisite

WEB 210 minimum grade "C"

and

Prerequisite

WEB 213 minimum grade "C"

or

Prerequisite

Instructor Consent

General Education**General Education Area 7 - Computer and Information Literacy**

Assoc in Arts - Comp Lit

Assoc in Applied Sci - Comp Lit

Assoc in Science - Comp Lit

Request Course Transfer**Proposed For:****Student Learning Outcomes**

1. Develop use cases for a system that address a variety of usage scenarios using waterfall and agile methodologies.

Assessment 1

Assessment Tool: Deliverables will be assessed using a departmentally-developed rubric.

Assessment Date: Fall 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: One section

Number students to be assessed: All in the section

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: A minimum of 80% of students must score an average of 3 or more (out of 5) on the deliverable rubric.

Who will score and analyze the data: WEB full-time faculty

2. Create paper or digital prototypes that reflect the use cases.

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How the assessment will be scored: Departmentally-developed rubric

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Who will score and analyze the data: WEB full-time faculty

Course Objectives

1. Author use cases that document how a system will function.
2. Create prototypes in either paper or digital format that are consistent with the use cases and communicate how the system will appear and function.

3. Perform project management tasks related to estimating, time tracking, requirements management, and documenting project details.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Jason Withrow</i>	<i>Faculty Preparer</i>	<i>May 15, 2016</i>
Department Chair/Area Director: <i>Jason Withrow</i>	<i>Recommend Approval</i>	<i>May 16, 2016</i>
Dean: <i>Kimberly Hurns</i>	<i>Recommend Approval</i>	<i>Jun 08, 2016</i>
Curriculum Committee Chair: <i>David Wooten</i>	<i>Recommend Approval</i>	<i>Jul 25, 2016</i>
Assessment Committee Chair: <i>Michelle Garey</i>	<i>Recommend Approval</i>	<i>Jul 25, 2016</i>
Vice President for Instruction: <i>Michael Nealon</i>	<i>Approve</i>	<i>Jul 28, 2016</i>