

**COURSE ASSESSMENT REPORT**

**I. Background Information**

1. Course assessed:  
 Course Discipline Code and Number: UAS 222  
 Course Title: Construction Supervision IV: The Construction Project  
 Division/Department Codes: HAT/UAS 222
  
2. Semester assessment was conducted (check one):  
 Fall 2009  
 Winter 20\_\_  
 Spring/Summer 20\_\_
  
3. Assessment tool(s) used: check all that apply.  
 Portfolio  
 Standardized test  
 Other external certification/licensure exam (specify):  
 Survey  
 Prompt  
 Departmental exam  
 Capstone experience (specify):  
 Other (specify):
  
4. Have these tools been used before?  
 Yes  
 No

If yes, have the tools been altered since its last administration? If so, briefly describe changes made.

5. Indicate the number of students assessed/total number of students enrolled in the course.  
 Twenty-seven students were assessed; in the Spring Summer 2006 to Spring Summer 2009 timeframe, there have been 44 enrollments and 29 completions.
  
6. Describe how students were selected for the assessment.  
 The 27 students were randomly selected from the 29 students who completed the course in the Spring Summer 2007 to Spring Summer 2009 period, using information available in the online course sites.

**II. Results**

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.  
 This is the first formal assessment of this course; however, the course assessment tools have had ongoing modification in response to student and instructor identification of problematic test questions.
  
2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus.  
 Prior course documentation did not identify course outcomes or assessment plan, so we took the opportunity to create these and test their effectiveness to determine if we were in line with our plan.  
 Outcomes as stated are:
  1. Identify the activities performed in managing a construction project.
  2. Identify strategies for managing employee interaction.
  
3. Briefly describe assessment results based on data collected during the course assessment, demonstrating the extent to which students are achieving each of the learning outcomes listed above. ***Please attach a summary of the data collected.***  
 Based on assessment of the data from the test questions and scores, students demonstrated a clear ability to identify the activities performed in managing a construction project as well as identifying strategies for managing employee interaction. The few problematic questions that were identified will be reviewed for clarity.

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4. For each outcome assessed, indicate the standard of success used, and the percentage of students who achieved that level of success. *Please attach the rubric/scoring guide used for the assessment.*

For both outcomes, we identified the standard of success to be 80% of students with 85% correct response.

1. Identify the activities performed in managing a construction project.  
Twenty-seven of the twenty-seven students assessed (100%) provided at least 85% correct responses to the assessment questions. There was a 96% correct response.
2. Identify strategies for managing employee interaction.  
Twenty-seven of the twenty-seven students assessed (100%) provided at least 85% correct responses to the assessment questions. There was a 97% correct response.

5. Describe the areas of strength and weakness in students' achievement of the learning outcomes shown in assessment results.

**Strengths:** Students exceeded the standard of success that was used for this assessment, confirming that the UAS 222 course assessments (tests and exams) are appropriately aligned with the objectives and course content.

**Weaknesses:** Students scored somewhat lower in the tests that evaluated material presented in the course textbook. The concepts presented in the textbook are not reinforced by the video lectures.

**III. Changes influenced by assessment results**

1. If weaknesses were found (see above) or students did not meet expectations, describe the action that will be taken to address these weaknesses.

The course is being revitalized and a course textbook has been identified for use beginning Winter 2010. The new course will contain publisher content that utilizes interactive learning activities, allowing the students to engage more closely with the content of the course. The goal is to create a more robust and challenging class.

2. Identify intended changes that will be instituted based on results of this assessment activity (check all that apply). Please describe changes and give rationale for change.

a.  Outcomes/Assessments on the Master Syllabus  
Change/rationale:

b.  Objectives/Evaluation on the Master Syllabus  
Change/rationale:

c.  Course pre-requisites on the Master Syllabus  
Change/rationale:

d.  1<sup>st</sup> Day Handouts  
Change/rationale:

e.  Course assignments  
Change/rationale:

f.  Course materials (check all that apply)  
 Textbook  
 Handouts  
 Other:

g.  Instructional methods  
Change/rationale:

h.  Individual lessons & activities  
Change/rationale: Add textbook material to the course activities to reinforce the concepts and theories. We will integrate concepts presented in the video lectures and the textbook through assignments and assessments.

3. What is the timeline for implementing these actions?

Winter 2010 is the target date for adoption of the new textbook and assignments.

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IV. Future plans

1. Describe the extent to which the assessment tools used were effective in measuring student achievement of learning outcomes for this course.  
The assessment tool was effective in measuring the core course content; however, it was challenging to use because of the randomization of tests from the question pools.
2. If the assessment tools were not effective, describe the changes that will be made for future assessments.  
Based on the challenging randomization of tests from the questions pool, we will consider reorganizing the test and question pools. This will simplify future assessments.
3. Which outcomes from the master syllabus have been addressed in this report?  
All X Selected \_\_\_\_\_  
If "All", provide the report date for the next full review: Fall 2011  
If "Selected", provide the report date for remaining outcomes: \_\_\_\_\_.

Submitted by:

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Faculty/Preparer

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