

COURSE ASSESSMENT REPORT

I. Background Information

1. Course assessed:
 Course Discipline Code and Number: ARC 117
 Course Title: Construction Materials
 Division/Department Codes: BCT/DRFT

2. Semester assessment was conducted (check one):
 Fall 20__
 Winter 2008_
 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.
 No

5. Indicate the number of students assessed/total number of students enrolled in the course.
 12/12

6. Describe how students were selected for the assessment.
 All who were enrolled at course end

II. Results

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.
 none required

2. State each outcome (verbatim) from the master syllabus for the course that was assessed.
 - 1.) Demonstrate proficiency in understanding construction materials including but not limited to ...
wood, metal, plastic, clay, gypsum, glass, and aggregate materials.
 - 2.) **Identify major themes in selection and use of construction materials withing a rationale of mechanical, electrical, thermal, and chemical properties supporting erection, installation, and assembly procedures common to construction types.**

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.*
 73% avg for 12
 Only 3 of 9 students achieved 82% or above

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.*
 Success was to be 100% of students achieving an avg of 82%
Only 25% of students achieved the level of success as an individual.

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

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Strengths: In the 202 question departmental exam, the section most readily correlating to the outcomes was met at 82% or above.

Weaknesses: Like other success rates, students' reading of test items appears not to have been given enough care in preparation.

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.

More review for the departmental exam will be given. More group assignments related to outcomes will be scheduled into the course.

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. 1st Day Handouts

Change/rationale:

- e. Course assignments

Change/rationale: Include more group assignments in areas including but not limited to wood, metal, plastic, clay, gypsum, glass, and aggregate.

- f. Course materials (check all that apply)

Textbook

Handouts

Other:

- g. Instructional methods

Change/rationale: Use lesson plan study method to support greater comprehension on relevant topics.

- h. Individual lessons & activities

Change/rationale:

3. What is the timeline for implementing these actions? Immediately, based on offering and continuation of course.

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 departmental exam average for all students was only slightly less than the avg for the MidTerm and Final exams (separate tests that correlate).

2. If the assessment tools were not effective, describe the changes that will be made for future assessments.

3. Which outcomes from the master syllabus have been addressed in this report?

All Selected _____

If "All", provide the report date for the next full review: ___ Next offering of course/three year cycle.

If "Selected", provide the report date for remaining outcomes: _____.

COURSE ASSESSMENT REPORT

Submitted by:

Name: James P. Stevens Date: 6/10/08
Print/Signature

Department Chair: James P. Stevens Date: 6/10/08
Print/Signature

Dean: Jeremy Wilson Date: 10/29/08
Print/Signature

logged 11/17/08 sjv