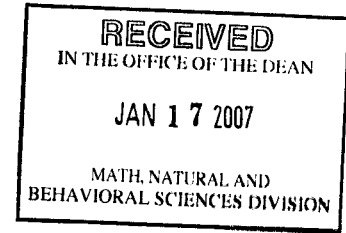


COURSE ASSESSMENT REPORT

I. Background Information

1. Course assessed:
 Course Discipline Code and Number: MTH181
 Course Title: Finite Mathematics
 Division/Department Codes: MNB



2. Semester assessment was conducted (check one):
☒ Fall 2006__
☐ 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.
6. Describe how students were selected for the assessment.
 Sections 01, 02, and 04 students

II. Results

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.
2. State each outcome (verbatim) from the master syllabus for the course that was assessed.
 ALL (see attached)
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.*
 Ten tests from each section were selected randomly. A total of 30 tests were graded. The tests were scored out of 9 points, one point for each question. The results were:
 Sec 01: 9.0, 7.8, 6.3, 8.8, 9.0, 7.5, 8.8, 8.8, 8.3, 9.0
 Sec 03: 8.0, 9.0, 8.5, 8.0, 6.0, 8.3, 8.0, 6.5, 8.0, 8.3
 Sec 04: 8.5, 8.0, 8.5, 6.5, 6.5, 8.5, 8.3, 7.0, 6.3, 5.8
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.*
 93% of the students had a score of at least 70%. The test had 9 questions worth one point each.
 Greater than 70% of the students meet 70% of all learning outcomes.
 The standard was 70% of all students must meet 70% of all learning outcomes.

COURSE ASSESSMENT REPORT

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

Strengths:

The students accomplished all the common outcomes in all sections of the course.
 The students met all instructional objectives in the course.
 This fits the goal as stated in the original plan.

Weaknesses:

The students' weakness was in solving linear programming business applications types of questions.

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.

Recommendations will be made to all instructors to spend more time covering linear programming.

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:

- f. ☐ Course materials (check all that apply)

☐ Textbook

☐ Handouts

☐ Other:

- g. ☐ Instructional methods

Change/rationale:

- h. ☐ Individual lessons & activities

Change/rationale:

3. What is the timeline for implementing these actions? Immediately, winter 2007

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.

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: 2009 Fall

Please return completed form to the Office of Curriculum & Assessment, SC 247.

Approved by the Assessment Committee 10/10/06

COURSE ASSESSMENT REPORT

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

Submitted by:

Name: Hanan Wahab and Mohammed Abella Date: 01/03/2007
Print/Signature

Department Chair: [Signature] Date: _____
Print/Signature

Dean: Martha A. Showalter M. Showalter Date: JAN 17 2006
Print/Signature

COURSE ASSESSMENT REPORT

COURSE ASSESSMENT REPORT CHECKLIST

Please review to ensure the following items are included in the Course Assessment Report:

- ☐ Have you attached a summary of data collected?
- ☐ Have you attached the analysis of data collected?
- ☐ Have you attached the rubric/scoring guide used for assessment?
- ☐ Did you have adequate and representative sample(s)?

If curricular changes were made:

- ☐ Did you connect them to assessment results?
- ☐ Did you identify changes in Part III, item 2?