Outcomes Assessment Plan/Report

University of South Florida
Outcomes Assessment Plan/Report
for Academic Programs

Assessment is the systematic collection, review, and use of information about educational programs undertaken for the purpose of improving student learning and development.

An outcomes assessment plan is completed by faculty members for each program, at each degree level, each academic year. Completed outcomes assessment plans are e-mailed to: Oaplans@acad.usf.edu

At the end of the assessment period, summary items are completed. Completed assessment reports are e-mailed to this address: OAReports@acad.usf.edu.

Information about outcomes assessment activities is located here: http://www.acad.usf.edu/programs/outcomesassessment.html

Information about this Plan/Report

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|                 | Beginning date:  
|                 | Fall 2002               |
|                 | Ending date:  
|                 | Spring 2003             |
| Prepared by     | Who prepared this plan/report? Please list the faculty members involved. |
|                 | Rick Austin             |
| Date Plan Submitted | April 24, 2002        |
| Date Report Submitted | Summer 2003         |
Mission/Goals:

As an institution dedicated to excellent teaching, the University’s fundamental objective is to evoke in its students a lifelong commitment to learning that enables them to become thoughtful, active, productive, and compassionate citizens. Advanced studies at the graduate and professional level enable students to work with faculty at the forefront of their disciplines, to increase their depth of knowledge and personal achievement and to contribute to the advancement of their professions and the larger society.

College Mission or Goal(s):

The College of Education seeks to prepare exemplary teachers, other professional educators, and support personnel from diverse backgrounds to meet the needs of a changing society, to create and extend knowledge, and to transform teaching, learning, leadership, and support services through research and informed practice.
Student Learning Outcome #1
What will students know or be able to do or believe by the end of the assessment period? Be specific.

Students completing the Master’s Plan I program in Mathematics Education will demonstrate pedagogical content knowledge mathematics.

It is recommended that two means of assessment be prepared for each student learning outcome.

**Action items:** These items define assessment activities. The completed assessment plan is e-mailed to: oaplans@acad.usf.edu at the beginning of the assessment period.

**Means of Assessment:** All graduates will complete either a written or oral comprehensive examination. At least one item will address their pedagogical content knowledge of mathematics.

**Criteria for Success:** At least eighty percent of the examinees will earn an overall rating of “acceptable” or better from their faculty program committee on their comprehensive examination responses.

**Summary items:** These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: oareports@acad.usf.edu

**Findings:** What findings resulted from assessment activities?
100% of the students (n = 1) achieved success for this activity.

**Use of Results:** What changes, if any, were made in response to the findings?
We are making no changes at this time. We will continue to monitor this indicator of the outcome for another year.

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**Action items:** These items define assessment activities. The completed assessment plan is e-mailed to: oaplans@acad.usf.edu at the beginning of the assessment period.

**Means of Assessment:** At the end of each academic year, the College and program will collect, review and analyze ratings from an exit survey gathered at graduation.

**Criteria for Success:** Eighty percent or more of the graduates completing the Mathematics Education Program will assign an overall rating of “above average” or “excellent” to a series of items on the exit survey concerning their level of preparedness in their specialized subject matter.

**Summary items:** These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: oareports@acad.usf.edu

**Findings:** What findings resulted from assessment activities?
The exit survey did not include Plan II students.

**Use of Results:** What changes, if any, were made in response to the findings?
This means of assessment must be changed based on lack of exit survey for plan II graduates.
Student Learning Outcome #2
What will students know or be able to do or believe by the end of the assessment period? Be specific.

Students completing the Master’s Plan I program in Mathematics Education will be capable of critiquing published research studies in their field in terms of the clarity and significance of the problem, appropriateness of the research design, and relevance of the analysis and interpretation of data.

It is recommended that two means of assessment be prepared for each student learning outcome.

Action items: These items define assessment activities. The completed assessment plan is e-mailed to: oaplans@acad.usf.edu at the beginning of the assessment period.


Criteria for Success: Given a published research study concerning an issue in the field, 80% or more of the students completing the Mathematics Education program will identify strengths and potential weaknesses in the problem statement, research design, analyses, or interpretation of data, and offer appropriate suggestions for correction, where needed.

Summary items: These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: oareports@acad.usf.edu

Findings: What findings resulted from assessment activities?
There was only one student for whom we received feedback about performance in EDG 6481. That student scored an overall satisfactory. However, there was no indication as to which masters program that student was enrolled.

Use of Results: What changes, if any, were made in response to the findings?
We will continue to monitor this indicator of the outcome for another year.
Student Learning Outcome #3
What will students know or be able to do or believe by the end of the assessment period? Be specific.

Students completing the Master’s Plan I program in Mathematics Education will demonstrate knowledge of current trends in mathematics education.

It is recommended that two means of assessment be prepared for each student learning outcome.

**Action items:** These items define assessment activities. The completed assessment plan is e-mailed to: oaplans@acad.usf.edu at the beginning of the assessment period.

**Means of Assessment:** All students completing the program will write an investigative paper related to or associated with, current issues in mathematics education as a part of the Current Trends course (MAE 6136).

**Criteria for Success:** Ninety percent or more of the students will receive an overall rating of “above average” or “excellent” on their project performance by their site based supervisors. For no student will the rating on any indicator be less than “average”. See attached Current Trends rubric.

**Summary items:** These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: oareports@acad.usf.edu

**Findings:** What findings resulted from assessment activities?
No Plan II students were in the class this time interval.

**Use of Results:** What changes, if any, were made in response to the findings?
We will continue to monitor this indicator of the outcome for another year.

**Action items:** These items define assessment activities. The completed assessment plan is e-mailed to: oaplans@acad.usf.edu at the beginning of the assessment period.

**Means of Assessment:** All students completing the program will respond to at least one item related to their knowledge of national and state recommendations for mathematics education as part of the masters comprehensive examination.

**Criteria for Success:** At least eighty percent of the students will receive an overall rating of “above average” or “excellent” on their response to the current trends item from the comprehensive examination. The ratings will be made by the faculty examining committee.

**Summary items:** These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: oareports@acad.usf.edu

**Findings:** What findings resulted from assessment activities?
100%, the 1 student achieved success for this activity.

**Use of Results:** What changes, if any, were made in response to the findings?
No changes have been made based on this finding. We will continue to monitor this indicator of the outcome for another year.