Form A Reports for the College of Agriculture and Human Sciences

Outcomes, Measures, Data, and Response Plans for Improvement in Various Assessment Cycles

Prairie View A&M University

1) B.S. in Agriculture
2) B.S. in Animal Science
3) Dietetics Internship
4) B.S. in Family and Community Services
5) B.S. in Human Nutrition and Foods
6) M.S. in Agricultural Economics
7) M.S. in Human Science
8) M.S. in Soil Science
Assessment of Program Outcomes for
Report Form A

Agriculture
(Instructional/Degree Program) B.S.
(Degree Level)

August 2005–May 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

   Outcome 1: Students demonstrate knowledge of production, processing and marketing of agricultural products.

2. Strategies Used to Meet Program Learning Outcome: (What did you do?)

   - Lectures and classroom discussion
   - Classroom presentations on the subject matter
   - Scheduled exams and quizzes over the lectured material
   - Workshops and classroom demonstrations
   - Project assignments as laboratory work
   - Experiential learning opportunities and/or internships

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

   At least 70% of the students will achieve a satisfactory score on the diagnostic test to demonstrate their knowledge and ability related to food and agricultural sciences.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

   The results show that 65.3% of the students are able to identify problems related to the food and agricultural sciences.

3c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

   - The faculty reviewed test scores to determine area of weakness and strength among the lower classified students, to improve the learning process of the students.
   - The syllabi were re-examined for adjustments to maintain and improve student test scores.

4a. Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance,
Completion Rates, Program Reviews, etc.).

At present a second measure has not been defined.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

Based on the second measure, results are not ascertained.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

Based on the second measure this is not applicable.

5. **Documentation:**

Class rolls, and grade books are available with each faculty.

1. **Program Outcome:** (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

   **Outcome 2:** Students have the ability to recommend solutions to problems affecting food and agricultural sciences.

2. **Strategies Used to Meet Student Learning Outcome:** (What did you do?)

   - Classroom lecture combined with presentations and discussions are conducted.
   - Scheduled exams and quizzes are implemented to test the learning process of students.
   - Review of mid-term grades to identify weaknesses of each student.
   - Farm visits were conducted to expose students to the practical aspects of agriculture.

3a. **First Direct Measure or Means of Assessment for Outcome above and Criteria for Success:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

   70% of the students are able to distinguish local issues from national or global issues in the food and agricultural sciences.

3b. **Results/Findings:** (How did you do? Summarize assessment data collected).

   The results show that 66.3% of the students have achieved the ability to distinguish local issues from national or global issues in the food and agricultural sciences.

3c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

   - To improve the student’s mid-term grades.
   - Lectures given are on schedule to maintain student interest.
   - The results allow faculty to engage in syllabus modification to improve the quality of the lectures.
   - Changing lecture presentations, using powerpoint, to maintain student interest.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if
available: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

At present a second measure has not been defined.

4b. Results/Findings: (How did you do? Summarize assessment data collected).

Based on the second measure, results are not ascertained.

4c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

Based on the second measure this is not applicable.

5. Documentation:

- Grade books and final exam grades are available in the Department office and in the registry.
- Powerpoint lectures are available with the faculty.
- Computers and projects for lectures are available in the Department.

1. Program Outcome: (what did your program want your students to know or be able to do as program completers?)

Outcome 3: Students have acquired the skills to communicate in a written and oral manner about issues related to food and agricultural sciences.

2. Strategies Used to Meet Student Learning Outcome: (What did you do?)

- Oral class presentations to demonstrate the students’ ability to speak clearly during oral class presentations.
- Oral class project assignments are conducted for students to express themselves.
- Students are presented with different format, for subject matter presentation, written in the form of posters, and oral in the form of powerpoint presentations.
- Students are provided with the use of lab top computers and projectors for classroom presentations.
- Emphasis is placed on personal appearance, for example, formal dressing.
- Hand-outs on class material are made available for each student.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- 70% of the students are able to communicate effectively, written and oral, about issues related to the food and agricultural sciences.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

- 60% are able to communicate satisfactorily on the diagnostic test in communication, written and oral in the food and agricultural sciences.
- 80% of the students are successful in preparing presentations.
- 80% of the students are able to report effectively their research.
3c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

The results are used to determine the ability of the students in collecting and reporting research facts.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

At present a second measure has not been defined.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

Based on the second measure, results are not ascertained.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

Based on the second measure this is not applicable.

5. **Documentation:**

- Class presentations are displayed on poster boards.
- Lab top computers and projectors are kept in the Department Head office.
- Copies of classroom syllabi are kept in the Department Head office.
Assessment of Program Outcomes for
Report Form A

Animal Science
(B.S.)
(Instructional/Degree Program)

August 2005-May 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

   Outcome 1: Students receiving the Master of Science degree in Animal Science will acquire the ability to identify problems relevant to the needs of the producer, processor, and consumer.

2. Strategies Used to Meet Program Learning Outcome: (What did you do?)

   - Student transcripts for graduate studies are evaluated and recommendations are made to the graduate school for acceptance.
   - Students are assigned to a research scientists or to a faculty member to discuss and formulate ideas for problem solving thesis research.
   - Students acquire knowledge in the proper uses of scientific refereed journals, for identifying research problems.
   - Degree plan is prepared and given to the students.
   - Relevant classes that lead towards their degree are assigned to them.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

   - 100% of the students are expected to satisfy the required grade point average (GPA) for acceptance.
   - 100% of the students are expected to have an advisor by the end of the first semester.
   - 100% of the graduate students are expected to have a degree plan.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

   - The results show that at least 80% of the students have satisfied the required GPA acceptance.
   - At least 80% of the students have selected an advisor by the end of the first semester.
   - At least 80% of the students receive a degree plan.

3c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

   - Data collected are used to advise students on research topics.
   - Data are used to place students with advisors to meet their interests.
   - Data are used for faculty to update the appropriate students’ degree plan.

4a. Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if
available: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Number of students who are able to complete the first semester courses satisfactorily.
- Number of students who are successful to get a research topic or a faculty advisor.
- Number of students who are able to use the reference journals professionally.

4b. Results/Findings: (How did you do? Summarize assessment data collected).

- 90% of the graduate students in Animal Science are successful in following the degree program in the first semester.
- 75% of the graduate students are successful in having a research advisor.

4c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

- Data allows us to meet student interests with reference to their research.

5. Documentation:

- Letters of acceptance are available at the Graduate School Office.
- Degree plans are available in the Advisor’s Office.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

Outcome 2: Our graduate students have acquired the ability to design and conduct scientific experiments to solve problems.

2. Strategies Used to Meet Student Learning Outcome: (What did you do?)

- Students’ degree plans are upgraded to avoid duplication of courses.
- Students learn to apply classroom knowledge in designing research projects.
- Students acquire knowledge to implement a research project.
- Students are taught how to collect research data successfully.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- The number of students who are successful in designing a research project.
- The number of students engaged in research data collection.
- Increase in enrollment and retention.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

- In the period of assessment (2000-08) enrollment has increased by 100%.
- Students are able to design a research project.
Graduate students are engaged in research data collection.

3c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- Students success data are used for recruitment and retention.
- Provides data for presentations at symposium.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Graduate students are able to analyze research data.
- Graduate students are able to use refereed journals.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

- The data shows that the graduate students are able to analyze research data.
- The data show that the students are able to use scientific journals for references.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- The success provided the basis for the writing of teaching and research grants.
- Data are used for poster and oral scientific presentations at scientific meetings.

5. **Documentation:**

- Copies of theses, presentations, posters, and grant proposals are available in the faculty member office.

1. **Program Outcome:** (what did your program want your students to know or be able to do as program completers?)

**Outcome 3:** Our graduate students have acquired the ability to communicate effectively in an oral and written manner in thesis preparation and presentations.

2. **Strategies Used to Meet Student Learning Outcome:** (What did you do?)

- Students learn the skills in writing scientific abstracts, and formatting posters.
- Students learn how to organize data in a scientific form (tables or graphs).
- Students understand how to interpret scientific data.
- Students acquire the knowledge in making scientific presentations.

3a. **First Direct Measure or Means of Assessment for Outcome above and Criteria for Success:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Student thesis arrangement and presentations.
- Continue their education that leads towards a Ph.D. or DVM degree.
- Students are involved in publications, and presentation.
3b. **Results/Findings:** (How did you do? Summarize assessment data collected).

- The graduate students are able to satisfactorily complete a thesis for their degree.
- At least one student from the program each year advances their career leading towards the Ph.D. or DVM degree.
- At least one student from the program attends a scientific meeting.

3c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- Data from student research thesis are used for presentation at scientific meetings.
- Data are used for scientific publication.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

Student thesis examination and evaluation by selected committee.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

The data shows that 80% of the students satisfactorily presented their thesis.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- The data provided the opportunity to examine new areas for research.
- Strengthen collaboration with other institutions.

5. **Documentation:**

- Copies of thesis are available in the Graduate School Office.
- Letters of collaboration are available in the Advisor’s Office.
Report Form A-1
Assessment of Program Learning Outcomes for Educational Programs

Dietetic Internship  
(Instructional/Degree Program)  
August 2003-May 2005  
(Assessment Period Covered)

Post Graduate  
(Degree Level)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want your students to know or be able to do as program completers?)

   Outcome 1. Students completing the program will demonstrate the ability to communicate effectively with clients and peers.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

   Course competencies were reviewed and projects/assignments incorporated in the classes and various rotations to ensure that required competencies were included.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above  
   (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

   90% or more of preceptors will rate interns' communication skills as satisfactory or better by the end of the internship program.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

   A total of 72 major communication projects were evaluated. Results showed that all students (100%) received at least a 'satisfactory' response from preceptors.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

   Continue to incorporate similar assignments and presentations in HUSC 5336, 5336, 5353 and 5363. Faculty and preceptor meet throughout the semester to review or change assignments as needed to keep students current in their practice area.

4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above  
   (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).
When surveyed, 80% or more of employees will indicate a rating of satisfactory or better on graduates’ communication skills.

4b. Results/Findings. (How did you do? Summarize assessment data collected.)

Of the employers responding to the graduate employer survey, all 100% documented students’ communication as very good or excellent.

4c. Use of Results (How did you use the findings?)

Continue to demands excellence as students’ progress through the program. The goal has been met therefore no corrective action was required.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc., Indirect: Alumni Survey; Interviews; NSSE; etc.).

5b. Results/Findings (How did you do? Summarize assessment data collected.)

5c. Use of Results (How did you use the findings?)

6. Documentation

Completed evaluations from instructor, preceptors, students, and employers are located in May Hall rooms 101 and 124.
Report Form A-1
Assessment of Program Learning Outcomes for Educational Programs

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Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year it was assessed.

1. Student Learning Outcome (What did your program want your students to know or be able to do as program completers?)

   **Outcome 2. Students completing the program will be able to provide comprehensive nutrition care based on accurate nutrition assessment and planning.**

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

   Practical experiences were incorporated in each rotation that provided hands on training and observational opportunities for students to conduct a variety of comprehensive nutrition assessment and care plan.

   The nutrition care plan and assessment process was incorporated in the dietetic seminar as a major focus area.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

   At least 90% of students will score 80% or above on the comprehensive examination by the end of the internship program.

3b. Results/ Findings (How did you do? Summarize assessment data collected.)

   All students (100%) scored at least 80% on the medical nutrition therapy comprehensive examination by the end of the internship program.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

   Although students were successful on this exam, they had to retake the exam numerous times before being successful. The results were used as a guide to identify weak areas in the curriculum. Faculty was then able to incorporate added information and learning.
experiences needed to reinforce student learning.

4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above
(Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

All students will receive a score of 80% or better on their performance from preceptors by the end of the medical nutrition therapy rotation (MNT).

4b. Results/ Findings. (How did you do? Summarize assessment data collected.)

Preceptors indicated that all students successfully completed the MNT rotations with scores at or above the required 80%.

4c. Use of Results (How did you use the findings?)

Continue to demand excellence as students’ progress through the MNT rotations. The goal was met therefore no corrective actions were taken; however, this continues to be a challenging area of practice for all students. In this regard, preceptors and instructors continue to monitor and conduct review sessions in the areas identified as being below par.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc., Indirect: Alumni Survey; Interviews; NSSE; etc.).

The number of students passing the registration examination for dietitians

5b. Results/ Findings (How did you do? Summarize assessment data collected.)

All students were successful on the registration examination for dietitians.

5c. Use of Results (How did you use the findings?)

These results were used to promote the dietetic internship program

6. Documentation

Completed evaluations from instructor, preceptors, students, and employers are located in May Hall rooms 101 and 124.
Report Form A-1  
Assessment of Program Learning Outcomes for Educational Programs

Dietetic Internship  
(Instructional/Degree Program)  
Post Graduate  
(Degree Level)

August 2005-May 2006  
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want your students to know or be able to do as program completers?)

**Outcome 3. Students will be able to perform nutrition care in a variety of setting to include the community, long term and acute care.**

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

Students completed rotations in community, long term and acute care facilities. Specific assignments were given to reinforce the competencies needed during each rotation.

Class assignments and case studies were used to reinforce knowledge in these areas during the class meeting time.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above  
(Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

Exams were given at the end of each related rotation. Students were required to successfully complete each with a grade of 80% or above.

3b. Results/ Findings (How did you do? Summarize assessment data collected.)

All (100%) students were not successful on the rotation exams at the first attempt.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Review sessions were conducted by faculty and students failing the exam had repeat testing from the failed domain.
4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above
(Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

Students were expected to receive a grade of 80% or above all case studies and worksheets.

4b. Results/Findings. (How did you do? Summarize assessment data collected.)

All students received the 80% passing grade or more on their assignments.

4c. Use of Results (How did you use the findings?)

Continue to demand excellence as students’ progress through the internship.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc., Indirect: Alumni Survey; Interviews; NSSE; etc.).

80% or more of the students completing the program should pass the registration examination on the first try.

5b. Results/Findings (How did you do? Summarize assessment data collected.)

Of the 7 students taking the exam only 67% were successful.

5c. Use of Results (How did you use the findings?)

Results were used to guide faculty in creating review materials for students.

6. Documentation

Completed evaluations are located in May Hall rooms 124.
Report Form A-1
Assessment of Program Learning Outcomes for Educational Programs

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Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want your students to know or be able to do as program completers?)

   **Outcome 4. Graduates of the program will model professional skills, behavior and ethical practice and the ability to collaborate and work with others.**

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

   Students were required to adhere to the code of ethics of the profession. At the start of the internship program faculty and preceptors reviewed the code of ethics with the students to clarify and reinforce performance expectations.

   Students were required to complete a professional developmental portfolio detailing specific activities based on expectations.

   Students were required to work together as a group to complete one major campus project in recognition of national nutrition month, and one major project for the Girls Choices Summit hosted by Texas department of State Health Services (TDSHS).

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above
   (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

   All students were evaluated by faculty and preceptors using the ‘guide to the code of ethics of the dietetic profession.’ Measure was determined by 100% compliance.

3b. Results/ Findings (How did you do? Summarize assessment data collected.)

   85% of the students were in compliance.
3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

The student not in compliance was given the opportunity to conform to the code of ethics. After failing to do so the student was removed from the program.

4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

Students were expected to receive a grade of 80% or above on their portfolios.

4b. Results/ Findings. (How did you do? Summarize assessment data collected.)

All students completing the program did an excellent job compiling their portfolio.

4c. Use of Results (How did you use the findings?)

Continue to demand excellence as students' progress through the internship.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc., Indirect: Alumni Survey; Interviews; NSSE; etc.).

Evaluation was by observation of student involvement and collective participation. All students were expected to be involved in both projects.

5b. Results/ Findings (How did you do? Summarize assessment data collected.)

Students did an excellent job on the major projects as evidenced by the evaluation and review from TDDHS representatives.

5c. Use of Results (How did you use the findings?)

These results were used to promote the dietetic internship program involvement in community projects.

6. Documentation

Completed evaluations are located in May Hall rooms 101 and 124.
Assessment of Program Learning Outcomes for Educational Programs

Dietetic Internship (Instructional/Degree Program) Post Graduate (Degree Level)

August 2007-May 2008 (Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want your students to know or be able to do as program completers?)

Outcome 5. Students will demonstrate the skills necessary to manage appropriate settings

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

Students were assigned 3 weeks practicum rotations towards the end of the dietetic internship in which they performed management functions in a chosen setting.

An in-depth project incorporating management functions was completed by each student.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.).

Students assumed the responsibility of the manager on duty and were evaluated on their ability to assume and complete minor management function. Students’ performance was rated as acceptable or better to be considered successful.

3b. Results/ Findings (How did you do? Summarize assessment data collected.)

All students completing the rotation were rated as acceptable.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Although all students were successful, the requirements for fulfilling this rotation were reorganized to better meet the needs of the students and facilities.
4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above
(Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-
Post Test; Capstone; Licensure Exam; etc.).

Students were expected to receive a grade of 80% or above required project.

4b. Results/ Findings. (How did you do? Summarize assessment data collected.)

All students successfully completed the major project.

4c. Use of Results (How did you use the findings?)

Continue to demand excellence as students’ progress through the internship.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning
Outcome above (Briefly explain the means or measure and how you determined achievement,
e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc., Indirect: Alumni Survey;
Interviews; NSSE; etc.).

Students must successfully complete a management exam earning grade of 80% or better.

5b. Results/ Findings (How did you do? Summarize assessment data collected.)

100% of the students were successful on the exit exam

5c. Use of Results (How did you use the findings?)

These results were used when reviewing the course content and making changes as
needed.

6. Documentation

Completed evaluations are located in May Hall rooms 101 and 124.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services
(Instructional/Degree Program)

BS
(Degree Level)

Fall 2007
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

   Outcome 1: Integrate the foundation knowledge and skills of the family and consumer sciences to prepare students for personal, family, community, and career roles.

2. Strategies Used to Meet Learning Outcome (What did you do?)

   Faculty developed matrix for teaching strategies in each course to support learning objectives.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Students in Special Topics for Nutrition will write and present a minimum of two Case Studies. At least 75% of students will be able to articulate key points on related biochemical lab results and required information at a satisfactory level of competency. Scored by a rubric created by faculty.

3b. Results/ Findings (How did you do? Summarize Assessment Data Collected.)

   69 % if students in Special Topics received a satisfactory grade of 70 and above.
   n=29  Fall 2007

3c. Use of Results (How did you use the findings?)

   Emphasize more problem base learning.

4. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

   Grade records, samples of students’ presentations and projects are maintained by class instructors.
* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services
(Instructional/Degree Program)  B.S.
(Degree Level)

August 2006-May 2007
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

Outcome 2: Understands the areas of personal development, relationship, and management of work and family to enhance of life across the lifespan, and understands career opportunities in family studies and human services.

2. Strategies Used to Meet Learning Outcome (What did you do?)

Course was designed by faculty to be representative of required foundation knowledge and skills for the degree program using the course syllabus to identify objectives to the met.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

At least 75% of students will be able to successfully answer multiple choice questions related to the program objectives with a minimum grade of 70. Students in HDFM achieved 75 percent of there grade based on participation in their cultural diverse family projects.

3b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

Using grades and oral presentations and family projects to evaluate the students, 85% of the students successfully met the objectives with a passing grad of 75 or more. Showing a failure rate of 5%.

3c. Use of Results (How did you use the findings?)

The assessment of the Program Learning Outcomes revealed strengths and weaknesses. 85% of students met expectation when identifying technology and critical thinking skills, problems solving and oral and written skills.
4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

The use of technology, critical thinking skills, oral presentation and research will continue to be added to the courses in order to see improvements in skills needed to meet the requirements.

4b. Results/Findings. (How did you do? Summarize Assessment Data Collected.)

Through the use of oral presentations, quizzes, tests and rubrics, achievement was determined by the students responded to oral questioning, grades made on tests and results obtained from rubric scores.

4c. Use of Results (How did you use the findings?)

There will be a continuation of incorporating analytical and problem solving techniques along with more research to include writing skills using technology oriented materials.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Outcome above*

(Direct: Pre-Post Test; Capstone; Licensure Exam; etc.; Indirect: Alumni Survey; Interviews; NSSE; etc.). Briefly explain the means or measure and how you determined achievement.*

At least 85% of majors completing the Human Sciences comprehensive examination will master the examination without problems. Other methods used to measure outcome are to use oral questioning, pre and post examination, rubrics and reemphasize.

5b. Results/Findings. (How did you do? Summarize Assessment Data Collected.)

At least 85% of students will be able to successfully answer multiple choice related to program objectives, use critical thinking skills, demonstrate appropriate use of technology.

5c. Use of Results (How did you use the findings?)

Follow-ups will be used to determine the employability of students; interviews will be conducted with alumni and faculty. The findings will also be used as a tool to recruit new students and transfer students to the department.

6. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.))

Grade records, samples of students' presentations and projects are maintained by instructor.
* May be repeated for means or measures over the three required.

This sample assessment report is based on one graciously provided by Johnson C. Smith University. It has been modified. It reflects the format offered by Nichols and Nichols in *A Road Map for Improvement of Student Learning and Support Services through Assessment*, 2005.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services
(Instructional/Degree Program)  
B.S.  
(Degree Level)

August 2007 – May 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

   Outcome 3: Students will understand human growth and development, parent/guardian/educator role and responsibilities, and career opportunities in human development, education, and services

2. Strategies Used to Meet Learning Outcome (What did you do?)

   2. Strategies used to meet Learning Outcome:
   1. Lecture and class discussion among students;
   2. Tests/quizzes over lecture material, using demonstrations
   3. Asking students various types of knowledge and comprehension questions
   4. Using real-world examples
   5. Online tutorials and video clips

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   At least 75% of students will achieve a satisfactory score of 70% on exam questions that test the ability to understand human growth and development

3b. Results/Findings: How did you do? Summarize Assessment Data Collected.)

   From the data collected for 2007-2008, the composite analysis yielded, N=106, the mean score was 78.2; the median and mode was 81.3, 94.5 respectively. Overall 79.2 % of the students scored above the critical point of 70%. Using a one-way ANOVA to compare the mean student’s score to the critical score yielded a significant F=21.7, α = 0.05. The minimum and maximum scores were 15.4 and 100 respectively with a range of 84.6
3c. **Use of Results** (How did you use the findings?)

Although the students met the critical score, the performance was significantly higher when compared to the critical point. However, faculty will review student tests to determine the areas where students did not perform satisfactory and place more emphasis on those areas. Faculty will create an online tutorial.

4. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

Results are available in the department and coordinator’s office.

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services
(Instructional/Degree Program)
BS
(Degree Level)

Fall 2007 - Spring & Fall 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

   Outcome 4. Understand the principles of food sciences, food technology, and nutrition and their relationships to growth, development, health, and wellness: applies this understanding to support informed decision-making that promotes good health: and understands career opportunities in Nutrition, wellness, and food science.

2. Strategies Used to Meet Learning Outcome (What did you do?)

   Faculty developed matrix for teaching strategies in each course to support learning objectives.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   At least 75% of students in HUSC 1343 will achieve a grade of 70 on an exam with questions designed to test the student ability to understand how nutrition principles impact.
   1. household economics
   2. health
   3. behavior psychology and diverse populations

3b. Results/ Findings (How did you do? Summarize Assessment Data Collected.)

   75% of students scored 70 and above. n-20   Fall 2008

3c. Use of Results (How did you use the findings?)

   Enhance existing teaching strategies to include 3 methods of teaching a personalized with management components. Grant Funded
4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

At least 75% of students in HUNF 2653 Food Principles and Meal Management will achieve a grade of 70 on an exam with questions designed to test the student ability to understand how nutrition principles impact.
1. Meal Planning /Wellness
2. Food Preparation
3. Food Science and Security

4b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)
73% of students received a grade of 70 and above. Fall 2007  n=26

4c. Use of Results (How did you use the findings?)
Revise lab activities to emphasis critical areas of weakness.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Outcome above*
(Direct: Pre-Post Test; Capstone; Licensure Exam; etc.; Indirect: Alumni Survey; Interviews; NSSE; etc.). Briefly explain the means or measure and how you determined achievement.*

HUNF 3633 Advance Nutrition: Students will be able to answer test questions on the relationship of digestion, absorption, and metabolism to optimal health. At least 75% of students will answer 70% of the questions correctly.

5b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)
100% of students made 76 and above.
Spring 2008  n=20

5c. Use of Results (How did you use the findings?)
Continue current teaching strategies.

6. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.))

Grade records, samples of students’ presentations and projects are maintained by class instructors

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services
(Instructional/Degree Program)  BS
(Degree Level)

Fall  2007- Spring & Fall  2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

   Outcome 5. Increase the students’ knowledge and understanding of trends in consumer practices, the practical application of foodservice in commercial and noncommercial food industry including hospital foodservice, and lodging/hospitality industries, as well as expose students to various career opportunities in these industries.

2. Strategies Used to Meet Learning Outcome (What did you do?)

   Faculty developed matrix for teaching strategies in each course to support learning objectives.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Program Learning Outcome was assessed in the Fall 2007 and Spring 2008. The assessment was completed using the following assessment methods: i. Tests; ii. Projects; and iii. Laboratory Activities.

3b. Results/Findings (How did you do? Summarize Assessment Data Collected.)

   The findings indicate that the student’s comprehension, analytical skills and problem solving skills were basically good (average 80 %). The findings show that some of the students were highly skilled at problems solving and debating issues. The assessment outcome was determined after the completion of each assessment method. Students must achieve a grade of 70% or above to satisfy the program requirements on the test, projects and laboratory assignments. A total of 35 students completed the course HUSC 2633 and there was a hundred percent passing rate. There assessment breakdown was 6 achieved a grade of A, 28 achieved a grade of B and 1 student achieved a grade of C.
3c. **Use of Results** (How did you use the findings?)

An area that would improve the expected outcomes of the program is one that would incorporate more problem solving assignments through case studies. In our weekly faculty meeting we will discuss plans to include class activities such as case studies, debates, fieldtrips, student conducted surveys of consumer practices in the food, lodging and hospitality industries.

4a. **Second Direct Measure or Means of Assessment for Outcome above** (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

For the academic year 2007-08, the Family and Consumer Sciences department completed an assessment of Program Learning Outcome - “Students who graduate with a baccalaureate degree in Family and Consumer Sciences will demonstrate an understanding of the principles of food science, food technology, and nutrition and their relationships to growth, development, health, and wellness; applies this understanding to support informed decision-making that promotes good health; and understand career opportunities in nutrition, wellness, and food science..

4b. **Results/ Findings.** (How did you do? Summarize Assessment Data Collected.)

The assessment outcome was determined after the completion of each assessment method. Students must achieve a grade of 70% or above to satisfy the program requirements on the quizzes exams and laboratory activities. For the academic year 2007-08 the all of the students were non-FCS majors. Approximately 99% were nursing majors with 1% as nutrition majors. The findings indicate that application type questions on exams were the most difficult questions for the students, which indicated that analytical and application skills need improvement.

4c. **Use of Results** (How did you use the findings?)

In the Spring Semester of 2009, the Program has begun a grant supported project that will provide these curricula enhanced teaching methods, nutrition education, attitudes, knowledge, physical activity, and stress management components to the previously existing curricula for the HUSC 1343 course.

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Outcome above**

(Direct: Pre-Post Test; Capstone; Licensure Exam; etc.; Indirect: Alumni Survey; Interviews; NSSE; etc.). Briefly explain the means or measure and how you determined achievement.*

5b. **Results/ Findings.** (How did you do? Summarize Assessment Data Collected.)
5c. **Use of Results** (How did you use the findings?)

6. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

| Grade records, samples of students’ presentations and projects are maintained by class instructors. |

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services  
(Instructional/Degree Program)  
BS  
(Degree Level)

Fall 2007  
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

Outcome #6 – Students who graduate with a baccalaureate degree in Family and Community Sciences will demonstrate an understanding of consumer practices, consumer responsibilities, and resource management process; how these affect and are applied to personal, family, and work life, and career opportunities in consumer and resource management.

2. Strategies Used to Meet Learning Outcome (What did you do?)

Faculty developed matrix for teaching strategies in each course to support learning objectives

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

- 75% of students will be able to will be achieve a score of 70% when identifying and explaining the characteristics of informative persuasive, comparative and defensive advertising.

3b. Results/ Findings (How did you do? Summarize Assessment Data Collected.)

85% of students met expectations when identifying and explaining the characteristics of the four types of advertisements.
3c. **Use of Results** (How did you use the findings?)

| Continue current teaching strategies. |

4. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

| Grade records, samples of students’ presentations and projects are maintained by class instructors |

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Family and Community Services
(Instructional/Degree Program) B.S.
(Degree Level)

August 2004-May 2005
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

| Outcome 7: Understands the design, production, marketing, consumption, and maintenance of textile and apparel products, and understands career opportunities in the textiles and apparel industries. |

2. Strategies Used to Meet Learning Outcome (What did you do?)

| Course was designed by faculty to be representative of required foundation knowledge and skills for the degree program using the course syllabus to identify objectives to the met. |

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

| At least 70% of students will be able to successfully answer multiple choice questions related to the program objectives with a minimum grade of 70. |

3b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

| Using grades and oral presentations to evaluate the students, 75% of the students successfully met the objectives with a passing grad of 75 or more. Showing a failure rate of 12%. |

3c. Use of Results (How did you use the findings?)

| The assessment of the Program Learning Outcomes revealed strengths and weaknesses. 70% of students met expectation when identifying technology and critical thinking skills, problems solving and oral and written skills. |
4a. **Second Direct Measure or Means of Assessment for Outcome above** (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

The use of technology, critical thinking skills, oral presentation and research will continue to be added to the courses in order to see improvements in skills needed to meet the requirements.

4b. **Results/Findings.** (How did you do? Summarize Assessment Data Collected.)

Through the use of oral presentations, quizzes, tests and rubrics, achievement was determined by the students responded to oral questioning, grades made on tests and results obtained from rubric scores.

4c. **Use of Results** (How did you use the findings?)

There will be a continuation of incorporating analytical and problem solving techniques along with more research to include writing skills using technology oriented materials.

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Outcome above**

(Direct: Pre-Post Test; Capstone; Licensure Exam; etc.; Indirect: Alumni Survey; Interviews; NSSE; etc.). Briefly explain the means or measure and how you determined achievement.

At least 50% of majors completing the Human Sciences comprehensive examination will master the examination without problems. Other methods used to measure outcome are to use oral questioning, pre and post examination, rubrics and reemphasize.

5b. **Results/Findings.** (How did you do? Summarize Assessment Data Collected.)

At least 70% of students will be able to successfully answer multiple choice related to program objectives, use critical thinking skills, demonstrate appropriate use of technology.

5c. **Use of Results** (How did you use the findings?)

Follow-ups will be used to determine the employability of students, interviews will be conducted with alumni and faculty. The findings will also be used as a tool to recruit new students and transfer students to the department.

6. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.))

Grade records, samples of students' presentations and projects are maintained by instructor.
* May be repeated for means or measures over the three required.

This sample assessment report is based on one graciously provided by Johnson C. Smith University. It has been modified. It reflects the format offered by Nichols and Nichols in *A Road Map for Improvement of Student Learning and Support Services through Assessment*, 2005.
### Assessment of Program Learning Outcomes

**Report Form A**

<table>
<thead>
<tr>
<th>Family and Community Services</th>
<th>B.S.</th>
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<tbody>
<tr>
<td>(Instructional/Degree Program)</td>
<td>(Degree Level)</td>
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</tbody>
</table>

**August 2004-May 2005**

(Assessment Period Covered)

**Instructions:** This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. **Program Learning Outcome** (What did your program want from your students?)

   Outcome 8: Understands the design and construction of interior and exterior environments, and understands career opportunities in the housing, design, furnishings, and equipment management and services industries.

2. **Strategies Used to Meet Learning Outcome** (What did you do?)

   Course was designed by faculty to be representative of required foundation knowledge and skills for the degree program using the course syllabus to identify objectives to the met.

3a. **First Direct Measure or Means of Assessment for Outcome above** (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   At least 70% of students will be able to successfully answer multiple choice questions related to the program objectives with a minimum grade of 70.

3b. **Results/ Findings.** (How did you do? Summarize Assessment Data Collected.)

   Using grades and oral presentations to evaluate the students, 75% of the students successfully met the objectives with a passing grad of 75 or more. Showing a failure rate of 12%.

3c. **Use of Results** (How did you use the findings?)

   The assessment of the Program Learning Outcomes revealed strengths and weaknesses. 70% of students met expectation when identifying technology and critical thinking skills, problems solving and oral and written skills.
4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

The use of technology, critical thinking skills, oral presentation and research will continue to be added to the courses in order to see improvements in skills needed to meet the requirements.

4b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

Through the use of oral presentations, quizzes, tests and rubrics, achievement was determined by the students responded to oral questioning, grades made on tests and results obtained from rubric scores.

4c. Use of Results (How did you use the findings?)

There will be a continuation of incorporating analytical and problem solving techniques along with more research to include writing skills using technology oriented materials.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Outcome above*

(Direct: Pre-Post Test; Capstone; Licensure Exam; etc.; Indirect: Alumni Survey; Interviews; NSSE; etc.). Briefly explain the means or measure and how you determined achievement.*

At least 50% of majors completing the Human Sciences comprehensive examination will master the examination without problems. Other methods used to measure outcome are to use oral questioning, pre and post examination, rubrics and reemphasize.

5b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

At least 70% of students will be able to successfully answer multiple choice related to program objectives, use critical thinking skills, demonstrate appropriate use of technology.

5c. Use of Results (How did you use the findings?)

Follow-ups will be used to determine the employability of students, interviews will be conducted with alumni and faculty. The findings will also be used as a tool to recruit new students and transfer students to the department.

6. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

Grade records, samples of students' presentations and projects are maintained by instructor.
* May be repeated for means or measures over the three required.

This sample assessment report is based on one graciously provided by Johnson C. Smith University. It has been modified. It reflects the format offered by Nichols and Nichols in *A Road Map for Improvement of Student Learning and Support Services through Assessment*, 2005.
Report Form A-1
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For
Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

   Outcome1: Graduates of the Human Nutrition and Food Program will demonstrate the ability to communicate effectively using various communication tools in the science of nutrition.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

   Course expectations were reviewed and projects/assignments incorporated in the classes to ensure that required competencies were identified.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

   75% of more students enrolled in HUNF 4613 Problem in Food & Nutrition, HUNF 4693 Community Nutrition, and AGHR 4413 Special Topics will receive a satisfactory rating in communication skills on oral presentations, material development (i.e.) Handouts, Posters. Scored by a checklist created by faculty.

3b Results/Findings (How did you do? Summarize assessment data collected.)

   A total of 81 projects in HUNF 4613 Problem in Food & Nutrition, HUNF 4693 Community Nutrition and AGHR 4413 Special Topics were evaluated. 76% of students met expectations.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

   Continue to incorporate similar assignments and presentations in HUNF 4613 Problems in Food & Nutrition, HUNF 4693 Community Nutrition, and AGHR 4413 Special Topics. Checklist key used to evaluate students projects will be converted to Rubrics to reflect standard language related to required competences and given to students for
preparation of assignments. Faculty will meet at the end of each semester to review and or update assignments / projects as needed to keep student learning experiences current.

4a. **Second Direct Measure or Means of Assessment for Student Learning Outcome above**  (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

4b. **Results/Findings** (How did you do? Summarize assessment data collected.)

4c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above**  (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

5b. **Results/Findings** (How did you do? Summarize assessment data collected.)

5c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

6. **Documentation** (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

Student records, samples of student presentations are maintained by instructors of respective classes. Evaluation documentation and minutes of meetings are located in May Hall room 123.
Report Form A-1
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For
Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

Outcome 2: Graduates of the Human Nutrition and Foods Program will be able to apply relevant biochemical and microbiological consideration to various process controls in nutrition.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

Course expectations were reviewed and programmed systems material, case studies, Pre/Post test, and projects, were incorporated in the classes to ensure that required competences were identified.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% of students enrolled in AGHR 4413 Special Topics will receive a satisfactory rating on programmed system test that require the translation and application of biochemical concepts. Scored by Test Keys and Rubrics crated by faculty.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

45% of students in AGHR 4413 Special Topics in Nutrition made an average of 70 and above on 10 programmed system test on translations and application of biochemical terms. N=29. Those meeting expectations had taken recommended pre-requisites. Similarly, those who did not take the prerequisite struggled.
3c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

| Faculties strongly recommend prerequisite compliance with students during advisement. Encourage students to try all learning strategies provided in programmed system study guide. |

4a. **Second Direct Measure or Means of Assessment for Student Learning Outcome above** (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

| 75% of students enrolled in HUNF 3653 Nutrition Disease, will receive a satisfactory rating of 70 or above on a Pre/Post test of 100 questions on appropriate use of biochemical data in describing and deciphering diseased states. Scored by Test Key. |

4b. **Results/Findings** (How did you do? Summarize assessment data collected.)

| 77% of students met expectations. |

4c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

| Continue to incorporate other learning activities that will improve test taking competencies as well as improve their comprehension, application, and problem solving skills. |

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above** (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

| 75% of enrolled in HUNF 3623 Food Science will answer essays questions on a Final Exam made of selected questions to assess the understanding of important concepts in microbiological and chemical considerations in the food industry. Scored by Test Checklist/key. |

5b. **Results/Findings** (How did you do? Summarize assessment data collected.)

| 75% of students met expectations acquisition. |

5c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

| Continue to incorporate additional lab and learning experiences to improve the opportunities for concept exposure. |
6. **Documentation** (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

<table>
<thead>
<tr>
<th>Student records, samples of students’ presentations/Projects, and evaluation documents are maintained by instructors of respective classes. Minutes of meetings are located in May Hall room 123.</th>
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Report Form A-1
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For
Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

Outcome 3: Graduates of the Human Nutrition and Foods Program will be able to evaluate the effects of social sciences on the nutritional status of citizens.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

Course expectations were reviewed and projects/assignments were incorporated in the classes and labs to ensure required competences were identified.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% of students in HUNF 4413 Special Topics will receive a rating of satisfactory or above on an embedded Project justifying a public health policy related to an established need identified in a community assessment. Scored by rubric created by faculty.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

80% of students met expectations by identify and justifying the need. Students exceeded program expectations. N=27 (Sp08)

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Even though students exceeded program expectations, faculty determined that a more direct assignment/project may provide a better evaluation of competency.
4a. **Second Direct Measure or Means of Assessment for Student Learning Outcome above** (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% of students in HUSC 1343 Ecology of Nutrition will be able to complete an Individual Food Intake and Analyses Project with a satisfactory rating of 70.

4b. **Results/Findings** (How did you do? Summarize assessment data collected.)

82% of students met expectations. Students exceeded program expectations. N= 62

4c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

Though students exceeded program expectations, upon review of project, more emphasis on the social impact of food intake was needed. Therefore, faculty modified the project questions to include more specific questions designed to assess students ability to associate food intake with Psychology, Health behavior, education and Economics.

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above** (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

5b. **Results/Findings** (How did you do? Summarize assessment data collected.)

5c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

6. **Documentation** (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

Student records, samples of students’ Projects and evaluation documents are maintained by instructors of respective classes. Minutes of meetings are located in May Hall room 123.
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For
Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

   Outcome 4: Graduates of the Human Nutrition and Food Program will be able to conduct basic research in Nutrition and related areas.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

   The curriculum taught and reinforced basic research concepts and provided practice experience opportunities.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

   75% of students in HUNF 4693 Community Nutrition will receive a rating of satisfactory or above on a community assessment project. Scored by rubric created by facility.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

   96% of students meet expectations. Students exceeded program expectations. N=27

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

   As a result of students exceeding program expectations, program faculty continued their teaching strategies.
4a. **Second Direct Measure or Means of Assessment for Student Learning Outcome above** (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% of students in HUNF will be able conduct a basic research project including all scientific steps over one semester and achieve a satisfactory rating of 70 or more.

4b. **Results/Findings** (How did you do? Summarize assessment data collected.)

82% of students met or exceeded expectations. Students exceeded program expectations N=22

4c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

Continue to incorporate other learning activities that will improve basic research competencies as well as improve their comprehension, application, and problem solving skills.

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above** (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

5b. **Results/Findings** (How did you do? Summarize assessment data collected.)

5c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

6. **Documentation** (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

Student records, samples of students’ presentations and evaluation documents are maintained by instructors of respective classes. Minutes of meetings are located in May Hall room 123.
Report Form A-1

ASSESSMENT OF PROGRAM LEARNING OUTCOMES

For

Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

Outcome 5: Graduates of the Human Nutrition and Foods Program will be able to effectively manage food service operations.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

Curriculum was designed to emphasize the use of acquired knowledge, various techniques, tools and equipment, used in food service operations to ensure that the required competencies were included.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% or more students enrolled in HUNF 2633 Food Service Systems will complete a Major Group Project which includes Planning, Procuring, Food Preparation and service of a Theme Meal to a minimum of 50 individuals, and receive a satisfactory ratings of 70 or above. Scored by event planning, evaluation and rubrics created by faculty.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

100% of class met expectations. Students exceeded program expectations.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Continue to incorporate additional lab and learning experiences to improve the opportunities for exposure to updated equipment, planning procurement, and problem solving skills.
4a. **Second Direct Measure or Means of Assessment for Student Learning Outcome above**

(Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% of students in HUNF 2663 Food System Management will be able to conduct a Hazard Analysis and Critical Control Point Project and earn a satisfactory rating of 70 or above.

4b. **Results/Findings** (How did you do? Summarize assessment data collected.)

93% of students earned a satisfactory rating in Spring of 07. (N=15) However, 71% of students earned a satisfactory rating in Fall of 08. (N=14) Students struggled with most assignments in all areas.

4c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

Program faculty reviewed the number of students who had taken the prerequisite for the class and found that only 21% of the students took the appropriate course prior to enrolling into HUNF 2663 Food System Management. The low frequency of students taking the prerequisite course maybe the reason that students struggled with most of the assignments in all areas. Therefore, program faculty stressed compliance with students taking the prerequisite course in advising.

5a. **Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above**

(Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

75% of enrolled in HUNF 4603 PhysioChemical Foods will be able to conduct an Experiential Food project with controls and variables, applying Food Science to ingredients functions and achieving a satisfactory rating of 70 or above. Scored by Test Checklist.

5b. **Results/Findings** (How did you do? Summarize assessment data collected.)

77% of students met expectations in the application of ingredient functions in foods. N=26 Students slightly exceeded program expectations.

5c. **Use of Results** (How did you use the findings, e.g., maintain, improve, change, etc.)

Continue teaching strategies and incorporate additional lab and learning experiences to improve the opportunities for exposure to Food Science concepts in Food Operations.
6. **Documentation** (What is the evidence and where is it located?)

| Student records, samples of students’ presentations/Projects are maintained by instructors of respective classes. Evaluation documentation and minutes of meetings are located in May Hall room 123 |
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For
Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

Outcome 6: Graduates of the Human Nutrition and Food Programs will be able to identify the role of nutrition and food in health and disease status.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

The curriculum reinforced the interaction between nutrition, food and health and disease status to assure that the required competences were included.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% or more students enrolled in AGHR 4413 Special Topics will receive a rating of satisfactory or above on Nutrition Screening and Assessment Project. Scored by rubric created by faculty.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

76% of students met program expectations. Students exceeded program expectations.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Continue to incorporate other learning activities that will improve competencies as well as improve students screening, assessment, application, and problem solving skills. Revise curriculum to include the recent Nutrition Care Process (NCP).
4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

85% or more students enrolled in HUNF 3653 Nutrition Disease will complete a Diet Analyzes/Diet Planning Project and earn a satisfactory rating of 70 or above.

4b. Results/Findings (How did you do? Summarize assessment data collected.)

95% of students met expectations. Students exceeded program expectations N=22

4c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

As a result of students exceeding expectations, faculty will continue teaching strategies.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

85% of students in HUNF 3653 Nutrition Disease will complete an Enteral, Parenteral, and ADA Diabetic Diet Calculations assignment and receive a satisfactory rating of 70 or above.

5b. Results/Findings (How did you do? Summarize assessment data collected.)

95% of students met expectations. Students exceeded program expectations.

5c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

As a result of students exceeding expectations, faculty will continue teaching strategies.

6. Documentation (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

Student records, samples of students’ presentations/Projects and evaluation documents are maintained by instructors of respective classes. Minutes of meetings are located in May Hall room 123.
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

   Outcome 7: Graduates of the Human Nutrition and Food Program will be able to apply management principles in related nutrition areas.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

   The curriculum reinforced management principals related to foods and nutrition to ensure that required competencies were included.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

   75% or more student enrolled in HUNF 2663 Food System Management will complete a Facility planning assignment including bids for appropriate equipment purchase in a selected food delivery service, and earn a satisfactory rating of 70 or above. Scored by checklist and rubrics created by faculty.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

   85% of students met expectations. Students exceeded program expectations. N=15

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

   Even though the students exceeded the program expectations, program faculty continued with the teaching strategy. In addition program faculty incorporated technology in the course utilizing a programmed facility designing CD created by faculty, Computer Science and Architecture students.
4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% or more student enrolled in HUNF 2663 Food System Management will answer questions( 25 out of 100) on Exam designed to evaluate their ability to apply management principles in Food Systems. 75% of students will answer 70% of questions correctly. Scored by test key.

4b. Results/Findings (How did you do? Summarize assessment data collected.)

50% of students met expectations. Students did not meet program expectations. N= 14

4c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Four of the seven students not meeting expectations, missed questions related to Job descriptions and Operational Plan development. Faculty will incorporate additional learning activities in these areas.

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

5b. Results/Findings (How did you do? Summarize assessment data collected.)

5c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

6. Documentation (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

Student records, samples of students’ presentations/Projects, and evaluation documents are maintained by instructors of respective classes. Minutes of meetings are located in May Hall room 123
ASSESSMENT OF PROGRAM LEARNING OUTCOMES
For
Educational Programs

Instructional/Degree Program: Human Nutrition and Foods
Degree Level: Baccalaureate
Assessment Period Covered: August 2007 – May 2008

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may or may not have assessed each outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Student Learning Outcome (What did your program want students to know and be able to do as program completers?)

Outcome 8: Graduate of the Human Nutrition and Food Program will be able to translate health care system concepts.

2. Strategies Used to Meet Student Learning Outcome (What did you do?)

Course competencies were reviewed and project/assignments incorporate in classes and labs to ensure that required competences were included.

3a. First Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)

75% of students enrolled in HUNF 4693 Community Nutrition will receive a satisfactory rating on a Field study Project translating a local health care delivery system. Scored by rubric created by faculty.

3b. Results/Findings (How did you do? Summarize assessment data collected.)

73% of students met expectations. N=27 Students did not meet program expectations.

3c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

Upon review of results, a revision of project instructions was made for clarity of student expectations.

4a. Second Direct Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc.)
4b. Results/Findings (How did you do? Summarize assessment data collected.)

4c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

5a. Third Direct (or Indirect) Measure or Means of Assessment for Student Learning Outcome above (Briefly explain the means or measure and how you determined achievement, e.g., Direct: Pre-Post Test; Capstone; Licensure Exam; etc. Indirect: Alumni Survey; Interview; NSSE; etc.)

5b. Results/Findings (How did you do? Summarize assessment data collected.)

5c. Use of Results (How did you use the findings, e.g., maintain, improve, change, etc.)

6. Documentation (What is the evidence and where is it located? Give specific details, e.g., Licensure Exam Summary Results for 2007 are located in the Office of Dr. Jane Smith, Department Head; Meeting minutes from April 23, 2006 and May 7, 2006 reflecting discussion of data and program changes are located in the Office of Dr. Jane Smith, Department Head, etc.)

Student records, samples of student presentations and evaluation documents are maintained by instructors of respective classes. Minutes of meetings are located in May Hall room 123.
Assessment of Program Outcomes for
Report Form A

Agricultural Economics
(Instructional/Degree Program)  M.S.
(Degree Level)

August 2005–May 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

   Outcome 1: Students will have the knowledge to demonstrate an awareness and understanding of the economic principles relating to agricultural economic/agribusiness practices.

2. Strategies Used to Meet Program Learning Outcome: (What did you do?)

   - Student transcripts are pre-assessed prior to acceptance into the program to determine pre-requisites.
   - Class instructions are designed to enhance the knowledge level of the students.
   - Degree plan is prepared and given to the student.
   - Students advisory committee is setup to guide student advancement.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

   - At least 50% of the majors will have had at least one semester of calculus or equivalent.
   - At least 50% of the majors will have had micro-macro economics.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

   - Only 50% of the students entering the program had calculus.
   - Only 50% of the students had completed a thesis synopsis.
   - 80% of the major had selected advising committee.

3c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

   - Continue to review student transcripts pre and post acceptance into the program.
   - Update student degree plans per semester.
   - Continue student advisement on course scheduling per degree plan.

4a. Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).
At least 50% of students matriculating in the program will develop a thesis synopsis by the end of the first semester of enrollment (or 9 credit hours).

4b. Results/Findings: (How did you do? Summarize assessment data collected).

- In 2007, 50% of the students completed thesis synopsis.
- In 2008, 50% of the majors completed the thesis synopsis.

4c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

- Alignment and placement of students with appropriate advisors.
- Continue to monitor and advise students towards completion of thesis research topic.

5. Documentation: (What is the evidence and where is it located? Give name, location, dates, etc., e.g., Revised Admissions Manual is located in the office of Jane Smith, Director of Undergraduate Admissions; Meeting minutes from June 4, 2006, are located in the office of Dr. James Smith, etc.)*.

- Copies of the student thesis advising committee are a part of the thesis and are available in the Graduate School or in the Advisor’s Office.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

Outcome 2: Students will demonstrate the knowledge level required to undertake the scientific process by conceptualizing, designing, and implementing scientific research including data collection, analysis and interpretation.

2. Strategies Used to Meet Student Learning Outcome: (What did you do?)

- Continue to monitor student learning process based on grade reports.
- Assist student in the selection of thesis advisory committee.
- Course alignment and rotation to reduce time for completing the program.
- Classroom presentation with lecturers.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- At least 50% of the students change academic status from conditional to unconditional by the end of the first semester.
- At least 50% of the majors will have selected their advisory committee.
- At least 80% of the majors will have selected a thesis research concept.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

- Percentage of students entering the program is less than 50%.
- Number of students matriculating from the program is less than 50%.

3c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).
Data collected was used to recruit and retain students.
Hiring of qualified faculty to monitor and advise students.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

80% of the students are expected to earn a letter grade of “B” or above in the following classes: AGEC 5213, Land Use and Resource Management; AGEC 5223, Farm and Ranch Management; AGEC 5233, Price Analysis; and AGEC 5243, Agricultural Policy.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

Data show that 75% of the majors received a letter grade of “B” or above in those courses.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- Continue to upgrade teaching and learning style.
- Continue to monitor and assess student status.

5. **Documentation:** (What is the evidence and where is it located? Give name, location, dates, etc., e.g., Revised Admissions Manual is located in the office of Jane Smith, Director of Undergraduate Admissions; Meeting minutes from June 4, 2006, are located in the office of Dr. James Smith, etc.)*.

Copies of syllabi and degree plan for each student are available in the Program Coordinator’s Office.

1. **Program Outcome:** (what did your program want your students to know or be able to do as program completers?)

**Outcome 3:** Students completing the program will demonstrate mastery of the methodologies of qualitative and quantitative analyses in problem identification, assessment, and evaluation relative to Agricultural Economics/Agribusiness issues and applications.

2. **Strategies Used to Meet Student Learning Outcome:** (What did you do?)

- Periodical review of the degree plan to monitor the student learning progress.
- Periodical review of the student research project; designing, implementation, data collection, and data analysis.
- Assist students in attending professional conference to enhance their progress.
- Continuous review and editing of the student thesis to satisfy the advisory committee.

3a. **First Direct Measure or Means of Assessment for Outcome above and Criteria for Success:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Pre-acceptance evaluation and assessment of each student.
- At least 50% of the students entering at the fully acceptance status (unconditionally).
- At least 50% of the majors will be conducting their research.
At least 50% of the majors will be collecting reference data for their thesis.

3b. **Results/Findings:** (How did you do? Summarize assessment data collected).

- At least 80 percent of the students were fully accepted (unconditionally).
- At least 60 percent of the majors have completed the graduate degree plan.
- At least 60 percent of the students have completed an approval thesis proposal for submission to the Graduate School.

3c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- Information collected helps to process the students for candidacy.
- Data collected were used for presentation at conferences.
- Information provide data for teaching grant proposals.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

80% of the students are expected to earn a letter grade of “B” or above in the following courses: AGEC 5253, Marketing of Farm Products; AGEC 5263, Research Methods in the Agricultural Sciences; AGEC 5283, Agricultural Finance.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

Data show that 75% of the majors received a letter grade of “B” or above in those courses.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- Data were used to support the writing of teaching grant proposals.
- Data were used for scientific presentation at conferences.

5. **Documentation:** (What is the evidence and where is it located? Give name, location, dates, etc., e.g., Revised Admissions Manual is located in the office of Jane Smith, Director of Undergraduate Admissions; Meeting minutes from June 4, 2006, are located in the office of Dr. James Smith, etc.)*.

- Copies of the student thesis for the Masters Degree are available in the Graduate School Office.
- Copies of the teaching grant proposals are available in the Program Coordinator’s Office.
Assessment of Program Learning Outcomes
Report Form A

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Fall 2004 to Fall 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

   Outcome 1: Demonstrate theoretical and experiential understandings development, individual and marriage and family counseling theories, group counseling, and special areas methods and skills.

2. Strategies Used to Meet Learning Outcome (What did you do?)

   Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Final grades per course

3b. Results/ Findings (How did you do? Summarize Assessment Data Collected.)

   The majority of the classes had overall averages of 3.0 or higher

3c. Use of Results (How did you use the findings?)

   Continue to stress the application of clinical theory and techniques applications. To develop better measurement through the development of a comprehensive exam or capstone course. To extend the program to meet the state requirements of licensure to a 48 hr. degree.
4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used.

4b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

4c. Use of Results (How did you use the findings?)

5. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

The final grades awarded the completion of each course taken.

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Human Science (Instructional/Degree Program)

Master of Science (Degree Level)

Fall 2004 to Fall 2008 (Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

Outcome 2: Demonstrate an understanding of effective and dysfunctional human behavior.

2. Strategies Used to Meet Learning Outcome (What did you do?)

Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Final grades per course

3b. Results/Findings (How did you do? Summarize Assessment Data Collected.)

The majority of the classes had overall averages of 3.0 or higher

3c. Use of Results (How did you use the findings?)

Continue to stress the role of effective and dysfunctional human behavior in a person’s life. To develop better measurement through the development of a comprehensive exam or capstone course. To extend the program to meet the state requirements of licensure to a 48 hr. degree.
4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used.

4b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

4c. Use of Results (How did you use the findings?)

To extend the program to meet the state requirements of licensure to a 48 hr. degree.

5. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.))

The final grades awarded the completion of each course taken.

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Human Science  
(Instructional/Degree Program)

Master of Science  
(Degree Level)

Fall 2004 to Fall 2008  
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

Outcome 3: Demonstrate an understanding of the nature and needs of individuals at all developmental levels.

2. Strategies Used to Meet Learning Outcome (What did you do?)

Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Final semester grades per course

3b. Results/Findings (How did you do? Summarize Assessment Data Collected.)

The majority of the classes had overall averages of 3.0 or higher

3c. Use of Results (How did you use the findings?)

Continue to stress understanding the nature of needs of individuals at all developmental levels. To develop better measurement through the development of a comprehensive exam or capstone course. To extend the program to meet the state requirements of licensure to a 48 hr. degree.
4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used.

4b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

4c. Use of Results (How did you use the findings?)

To extend the program to meet the state requirements of licensure to a 48 hr. degree.

5. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.))

The final grades awarded the completion of each course taken.

* May be repeated for means or measures over the three required.
### Assessment of Program Learning Outcomes

**Report Form A**

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**Instructions:** This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. **Program Learning Outcome** (What did your program want from your students?)

   - Outcome 4: Demonstrate an understanding of individual, marriage, family and group approaches to assessment and evaluation.

2. **Strategies Used to Meet Learning Outcome** (What did you do?)

   - Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. **First Direct Measure or Means of Assessment for Outcome above** (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   - Final semester grades per course

3b. **Results/ Findings** (How did you do? Summarize Assessment Data Collected.)

   - The majority of the classes had overall averages of 3.0 or higher

3c. **Use of Results** (How did you use the findings?)

   - Continue to stress understanding individual, marriage, family and group approaches to assessment and evaluation. To extend the program to meet the state requirements of licensure to a 48 hr. degree.
4a. **Second Direct Measure or Means of Assessment for Outcome above** (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

| Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used. |

4b. **Results/ Findings.** (How did you do? Summarize Assessment Data Collected.)

4c. **Use of Results** (How did you use the findings?)

| To extend the program to meet the state requirements of licensure to a 48 hr. degree. |

5. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator’s Office, etc.?)|

| The final grades awarded the completion of each course taken. |

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Human Science
(Instructional/Degree Program)

Master of Science
(Degree Level)

Fall 2004 to Fall 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

   Outcome 5: Demonstrate an understanding of aspects of professional functioning

2. Strategies Used to Meet Learning Outcome (What did you do?)

   Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Final semester grade per course

3b. Results/Findings (How did you do? Summarize Assessment Data Collected.)

   The majority of the classes had overall averages of 3.0 or higher

3c. Use of Results (How did you use the findings?)

   Demonstrate and continue to stress aspects of professional functioning. To extend the program to meet the state requirements of licensure to a 48 hr. degree.

4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used.
4b. Results/ Findings. (How did you do? Summarize Assessment Data Collected.)

4c. Use of Results (How did you use the findings?)

To extend the program to meet the state requirements of licensure to a 48 hr. degree.

5. Documentation (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

The final grades awarded the completion of each course taken.

* May be repeated for means or measures over the three required.
Assessment of Program Learning Outcomes
Report Form A

Human Science
(Instructional/Degree Program)

Master of Science
(Degree Level)

Fall 2004 to Fall 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. Program Learning Outcome (What did your program want from your students?)

Outcome 6: Demonstrate an understanding of counseling and consultation processes.

2. Strategies Used to Meet Learning Outcome (What did you do?)

Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. First Direct Measure or Means of Assessment for Outcome above (Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Final semester grades per course

3b. Results/ Findings (How did you do? Summarize Assessment Data Collected.)

The majority of the classes had overall averages of 3.0 or higher

3c. Use of Results (How did you use the findings?)

Demonstrate and continue to stress effective counseling and consultation processes. To extend the program to meet the state requirements of licensure to a 48 hr. degree.

4a. Second Direct Measure or Means of Assessment for Outcome above (Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used.
4b. **Results/ Findings.** (How did you do? Summarize Assessment Data Collected.)

4c. **Use of Results** (How did you use the findings?)

To extend the program to meet the state requirements of licensure to a 48 hr. degree.

5. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.))

The final grades awarded the completion of each course taken.

* May be repeated for means or measures over the three required.
**Assessment of Program Learning Outcomes**  
**Report Form A**

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**Fall 2004 to Fall 2008**  
(Assessment Period Covered)

**Instructions:** This form should be used to report on each of your **Program Learning Outcomes**. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year (2004-present) that it was assessed.

1. **Program Learning Outcome**  
(What did your program want from your students?)

   Outcome 7: Demonstrate an understanding of research methods, statistical analysis, needs assessment.

2. **Strategies Used to Meet Learning Outcome**  
(What did you do?)

   Course alignment was performed in 2007 by establishing pre-requisites for many of the courses.

3a. **First Direct Measure or Means of Assessment for Outcome above**  
(Direct: Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Final semester grade per course

3b. **Results/Findings**  
(How did you do? Summarize Assessment Data Collected.)

   The majority of the classes had overall averages of 3.0 or higher

3c. **Use of Results**  
(How did you use the findings?)

   Demonstrate and continue to stress good research methods, statistical analysis, needs assessment. To extend the program to meet the state requirements of licensure to a 48 hr. degree.

4a. **Second Direct Measure or Means of Assessment for Outcome above**  
(Pre-Post Test; Capstone; Licensure Exam; etc.). Briefly explain the means or measure and how you determined achievement.

   Currently there are limitations to direct measuring. With the further development of the program, state licensure exams would be used.
4b. **Results/ Findings.** (How did you do? Summarize Assessment Data Collected.)

4c. **Use of Results** (How did you use the findings?)

   To extend the program to meet the state requirements of licensure to a 48 hr. degree.

5. **Documentation** (What is the evidence (e.g. Licensure Exam Summary Results, Spreadsheet from True Outcomes from Capstone Course, etc.)? Where is it located (e.g. Assessment Coordinator's Office, etc.?)

   The final grades awarded the completion of each course taken.

* May be repeated for means or measures over the three required.
Assessment of Program Outcomes for
Report Form A

Soil Science
(Instructional/Degree Program)

M.S.
(Degree Level)

August 2005–May 2008
(Assessment Period Covered)

Instructions: This form should be used to report on each of your Program Learning Outcomes. You may not assess every program learning outcome every year, but you will have a report for each outcome based on the year that it was assessed.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

Outcome 1: Graduates will acquire the knowledge to demonstrate proficiency at the advanced level to assess problems associated with soil quality and classification as it relates to plant growth.

2. Strategies Used to Meet Program Learning Outcome: (What did you do?)

- Faculty will continue to engage them in curricular and professional leadership in the pursuit of excellence in soil analysis and remediation.
- Students learn to recognize the impact of the soil quality on the environment.
- Assessment of the student application for acceptance will be reviewed by the faculty.
- Degree plan will be prepared for the students.
- Students are helped by faculty in the selection of the thesis committee.
- Students are advised on course selection.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure, e.g., Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- 100% of the students are expected to satisfy the required grade point (GPA) for acceptance.
- 100% of the students are expected to have a research thesis topic by the end of the semester.
- 100% of the students are expected to have an advisor by the end of the first semester.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

- The results show that at least 80% of the students have satisfied the required GPA for acceptance.
- 80% of the students have selected an advisor by the end of the first semester.
- At least 80% of the students receive a degree plan.

3c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

- Data are used to advise students on research topics.
- Data are used to place students with advisors to meet their interests.
- Data are used for faculty to update the appropriate students’ degree plan.

4a. Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if
available: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Number of students who are able to complete the first semester courses satisfactorily.
- Number of students who are successful in getting a research topic or a faculty advisor.
- Number of students who are able to use the reference journals professionally.

4b. Results/Findings: (How did you do? Summarize assessment data collected).

- At least 80% of the students are successful in following the degree plan.
- At least 75% of the students are successful in obtaining a research advisor.

4c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).

- Data are used to guide the students in course selection.
- Data are used to update the students’ degree plan.

5. Documentation:

- Copies of the students’ degree plan are available with the thesis advisor.
- Copies of the syllabi are available in the Department Head Office.

1. Program Outcome: (What characteristics, skill, behavior, attitude, service, performance, product, system, process, output, etc., did your program intend to offer or enhance?)

Outcome 2: Graduate students in the Soils Science program will learn how to design and conduct scientific experiments to solve problems related to soils and environment.

2. Strategies Used to Meet Student Learning Outcome: (What did you do?)

- Students’ degree plans are upgraded to avoid course duplication.
- Students learn to apply classroom knowledge in designing research projects.
- Students are taught the techniques in collecting research data.

3a. First Direct Measure or Means of Assessment for Outcome above and Criteria for Success: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- The number of students who are successful in designing research projects.
- The number of students engaged in research data collection.
- Increase in enrollment and retention.

3b. Results/Findings: (How did you do? Summarize assessment data collected).

- Data show that 50% of the students attended a professional meeting in soils.
- At least 80% of the students were able to design and implement their research project.
- At least 80% of the majors learned how to collect data.
3c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- The information allowed the faculty to assist the students in course selection.
- Data collected are applied to their thesis preparation.
- Information collected are used by the faculty and student presentations at scientific meetings.

4a. **Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Graduate students are able to analyze research data.
- Graduate students are able to use refereed journals.

4b. **Results/Findings:** (How did you do? Summarize assessment data collected).

- The results show that the graduate students are able to collect scientific data.
- The results show that the students are able to use scientific journals.

4c. **Use of Results:** (How did you use the findings, e.g., maintain, improve, change, etc.).

- Help in course selection for the students.
- Help in the selection of thesis committee.
- Help the students in thesis writing.

5. **Documentation:**

- Data collected are used to formulate thesis and copies of the thesis are available in the Office of the Graduate School.

1. **Program Outcome:** (what did your program want your students to know or be able to do as program completers?)

**Outcome 3:** Students completing the program have acquired the knowledge to communicate effectively in an oral and written manner in thesis preparation.

2. **Strategies Used to Meet Student Learning Outcome:** (What did you do?)

- Students learn the techniques of presenting information.
- Faculty assist students in improving their writing skills.
- Students working with the their advisors are assisted in developing professional networks to enhance their career.
- Students acquire the knowledge in making scientific presentations.

3a. **First Direct Measure or Means of Assessment for Outcome above and Criteria for Success:** (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).

- Student theses arrangement and presentations.
Continued education that leads towards a Ph.D. degree.
Students are involved in presentations at scientific symposiums.

3b. Results/Findings: (How did you do? Summarize assessment data collected).
- At least 50% of the students completed their thesis.
- At least 60% of the students improved their writing skills as shown by the presentation of their thesis.
- At least 50% of the majors had some form of interaction with a professional in the field of interest.

3c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).
- Formulation of a thesis.
- Satisfying the requirements of the Masters degree.

4a. Second Direct Measure or Means of Assessment for Outcome above and Criteria for Success, if available: (How did you determine achievement? Explain the means or measure. e.g. Satisfaction Surveys, Mock Interviews, Activity Evaluations, focus Group Product, After-Trip Reports, Impact Statements, Internal and/or External Audit, Case Studies, Project Participation Rates, Percentage Increases, Attendance, Completion Rates, Program Reviews, etc.).
- Student thesis examination and evaluation by selected committees.

4b. Results/Findings: (How did you do? Summarize assessment data collected).
- Data show that 80% of the students have successfully completed the degree.

4c. Use of Results: (How did you use the findings, e.g., maintain, improve, change, etc.).
- The data provided a basis for grant proposal writing.

5. Documentation:
Evidence is in the form of a thesis and is available in the Graduate School Office.