Student Learning Outcomes Check Sheet

Degree Program Title: MS Technology Management  
Degree Type: Master of Science  
Degree Type: Master of Science  
Banner/CIP Code: 15.0612.00

Responsible Program Coordinator/Chair completing this form: Dr. Brent Donham

A. Program MISSION Statement: What body of knowledge and/or what skills and qualities will graduates from this program possess upon completion of the degree?

The mission of the Master of Science in Technology Management is to prepare program graduates for career advancement and career enhancement in domestic and global technology-intensive businesses and industrial enterprises.

By graduation, MS Technology Management students will demonstrate:
- Application of Technology Management fundamentals
- Application of domestic and global technology management practices
- An ability to analyze and select effective technology management tools and strategies
- An ability to analyze and select effective technology management tools and strategies

B. Does this program have any culminating experience or capstone course that would capture the cumulative knowledge and accomplishments of graduates of your program? If so, please describe the process by which faculty participate in the design and evaluation of the course and its products/experiences.

Yes.

TMGT 599 - Technology Management Practicum (3 SCH)

The course documents the graduate students' learning experience resulting in a consolidation of a student's educational experience and certifies mastery of workplace and/or academic competencies. The practicum experience must occur during the last semester of the student's educational program. Methods of providing a capstone experience will include one of the following: comprehensive, discipline specific examination prepared by the faculty of the workforce education program and administered at the conclusion of the program; or, course involving the preparation of a portfolio.

Graduate faculty develop, review, and assess one of the following: comprehensive, discipline specific examination prepared by the faculty of the workforce education program and administered at the conclusion of the program; or, course involving the preparation of a portfolio.

In the attached pages, please provide the learning outcomes the faculty as a whole expects from graduates from the program. While you may choose as many outcomes as you wish, it is often a good strategy to focus on the most important goals for students in the first few years of your Student Assessment Program. For example, two or three of the most critical goals would be a good starting point. Please complete questions 1-6 for each Student Learning Outcome you are assessing or plan to evaluate in the next review period on the attached sheet.
STUDENT LEARNING OUTCOME #1

1. STUDENT LEARNING OUTCOME (SLO): What will a student be able to do, what knowledge, skills, values will they have, etc., upon graduation from the program that will be assessed? A Student Learning Outcome is a clear concise statement that describes how students can demonstrate their mastery of some element of the academic program goals.

Graduating MS TMGT students will indicate their perceived level of attainment of the program goals.

2. LINKS TO CURRICULUM & PROGRAM FACULTY. What courses support this SLO? How do all program faculty participate in setting the goals, content and learning outcomes of these courses? How do all program faculty participate in analyzing and making recommendations based on the results of student assessments?

Program faculty review and interpret the survey assessment data, both quantitative and qualitative, to determine if any action related to program improvement is required.

3. ACTION PLAN: STRATEGIES/METHODS FOR OBSERVING STUDENT LEARNING. How will data be collected, analyzed, shared? How will faculty observe the accomplishment of this outcome? Please provide specific descriptions for how, when, how often, what course(s), what student performances will be observed, collected and analyzed. Please provide or attach any descriptions of your ACTION PLAN OR PROCESS addressing the who, what, when, where questions for the assessment program.

An Exit Survey will be conducted in TMGT 599 (capstone course) of all graduating MS TMGT students to assess the student's perception of their preparedness for attaining the program goals. A 5-point Likert scale (Fully prepared = 5, Not prepared = 1) will be utilized in the survey.

4. CRITERIA FOR SUCCESS: MEASURES & TARGETS. What are the standards of progress or criteria used for judging success for the student learning assessment observations? Please attach any assessment tools, standards (rubrics) or other documents used to judge success or achievement of the outcome.

No graduating MS TMGT student will indicate a rating of "Not Prepared" for any program goal and the mean and median scores will be greater than or equal to 3. Results will also be compared to 1st year alumni surveys to determine if the perception of achievement is consistent across alumni at different stages in their career.

These two additional reports for questions 5&6 below will be due in May 11, 2012
5. ACHIEVEMENT SUMMARY: FINDINGS & RESULTS. What are the results of the assessment of this learning objective thus far? Be sure to include the year of the assessment, attach any relevant reports, data tables, etc. Please be specific in your descriptions. Indicating that n% students took a test or passed an oral exam is not an example of assessment findings.

6. PROGRAM ENHANCEMENT. How has assessment data been used? Please give examples over the last 3 years. What are the specific mechanisms for communicating results and changing courses, curriculum, learning activities within a course, etc

Review and Approval Signatures & Date:
Program Coordinator if applicable ________________________________
Department Chair: ________________________________
Dean ________________________________
STUDENT LEARNING OUTCOME #2

1. STUDENT LEARNING OUTCOME (SLO): What will a student be able to do, what knowledge, skills, values will they have, etc., upon graduation from the program that will be assessed? A Student Learning Outcome is a clear concise statement that describes how students can demonstrate their mastery of some element of the academic program goals.

MS TMGT alumni will demonstrate achievement of the program goals.

2. LINKS TO CURRICULUM & PROGRAM FACULTY. What courses support this SLO? How do all program faculty participate in setting the goals, content and learning outcomes of these courses? How do all program faculty participate in analyzing and making recommendations based on the results of student assessments?

Program faculty review and interpret the survey assessment data, both quantitative and qualitative, to determine if any action related to program improvement is required.

3. ACTION PLAN: STRATEGIES/METHODS FOR OBSERVING STUDENT LEARNING. How will data be collected, analyzed, shared? How will faculty observe the accomplishment of this outcome? Please provide specific descriptions for how, when, how often, what course(s), what student performances will be observed, collected and analyzed. Please provide or attach any descriptions of your ACTION PLAN OR PROCESS addressing the who, what, when, where questions for the assessment program.

A 1-year Alumni Survey will be conducted with MS TMGT graduates to assess the student's achievement level of the program goals. A 5-point Likert scale (Fully prepared = 5, Not prepared = 1) will be utilized in the survey.

4. CRITERIA FOR SUCCESS: MEASURES & TARGETS. What are the standards of progress or criteria used for judging success for the student learning assessment observations? Please attach any assessment tools, standards (rubrics) or other documents used to judge success or achievement of the outcome.

No MS TMGT alumni will indicate a rating of "Not Achieved" for any program goal and the mean and median scores will be greater than or equal to 3. Results will also be compared to 1st year alumni surveys to determine if the perception of achievement is consistent across alumni at different stages in their career.

These two additional reports for questions 5&6 below will be due in May 11, 2012
5. ACHIEVEMENT SUMMARY: FINDINGS & RESULTS. What are the results of the assessment of this learning objective thus far? Be sure to include the year of the assessment, attach any relevant reports, data tables, etc. Please be specific in your descriptions. Indicating that n% students took a test or passed an oral exam is not an example of assessment findings.

6. PROGRAM ENHANCEMENT. How has assessment data been used? Please give examples over the last 3 years. What are the specific mechanisms for communicating results and changing courses, curriculum, learning activities within a course, etc.

Review and Approval Signatures & Date:
Program Coordinator if applicable ____________________________________________
Department Chair: ________________________________________________________
Dean ________________________________________________________
STUDENT LEARNING OUTCOME #3

1. STUDENT LEARNING OUTCOME (SLO): What will a student be able to do, what knowledge, skills, values will they have, etc., upon graduation from the program that will be assessed? A Student Learning Outcome is a clear concise statement that describes how students can demonstrate their mastery of some element of the academic program goals.

Graduating MS TMGT students will demonstrate mastery workplace and/or academic competencies through the preparation of an academic portfolio.

2. LINKS TO CURRICULUM & PROGRAM FACULTY. What courses support this SLO? How do all program faculty participate in setting the goals, content and learning outcomes of these courses? How do all program faculty participate in analyzing and making recommendations based on the results of student assessments?

Program faculty review assess the academic portfolios, both quantitatively and qualitatively, to determine if any action related to program improvement is required.

3. ACTION PLAN: STRATEGIES/METHODS FOR OBSERVING STUDENT LEARNING. How will data be collected, analyzed, shared? How will faculty observe the accomplishment of this outcome? Please provide specific descriptions for how, when, how often, what course(s), what student performances will be observed, collected and analyzed. Please provide or attach any descriptions of your ACTION PLAN OR PROCESS addressing the who, what, when, where questions for the assessment program.

Graduating MS TMGT students will prepare an academic portfolio that will demonstrate to the graduate faculty mastery of the program academic competencies.

4. CRITERIA FOR SUCCESS: MEASURES & TARGETS. What are the standards of progress or criteria used for judging success for the student learning assessment observations? Please attach any assessment tools, standards (rubrics) or other documents used to judge success or achievement of the outcome.

At least 80% of the students in the capstone TMGT 599 course will successfully develop an academic portfolio that meets or exceeds graduate school criteria for graduation.

These two additional reports for questions 5&6 below will be due in May 11, 2012.
5. ACHIEVEMENT SUMMARY: FINDINGS & RESULTS. What are the results of the assessment of this learning objective thus far? Be sure to include the year of the assessment, attach any relevant reports, data tables, etc. Please be specific in your descriptions. Indicating that n% students took a test or passed an oral exam is not an example of assessment findings.

6. PROGRAM ENHANCEMENT. How has assessment data been used? Please give examples over the last 3 years. What are the specific mechanisms for communicating results and changing courses, curriculum, learning activities within a course, etc

Review and Approval Signatures & Date:
Program Coordinator if applicable ______________________________________
Department Chair: ________________________________________________
Dean __________________________________________________________