Texas State University
Outcomes Report

General Information	
Academic Year:	2012-2013
College:	Business
Department:	Accounting
Program:	Accounting and Information Technology (MS)
Program Code:	30.16
Outcome Type:	Student Learning (GR)
Degree:	Masters
Coordinator/Contact:	Dr. Ann L. Watkins, Chair
Status:	Data Entry Closed

Mission Statement

The mission of the Master of Science in Accounting Information Technology (MSAIT) program is to prepare students for successful careers in the accounting and information technology professions. Many students will be eligible to sit for professional certification exams, such as CPA, CISM, CITP, CIA, AFE and others. The MSAIT program emphasizes oral and written communication, information technology, and technical and research skills needed for a careers in accounting and information technology.

Evidence of Improvement

The MSAIT program was started in 2006, with assessments for 2009 providing beginning bench marks. Faculty continue to refine goals and alignment in the different courses. Assessment results and conclusions are still hard to interpret with so few MSAIT students in a class. Often students met or exceeded expectations 100%. With only one or two students in some classes it is difficult to determine whether expectations should be raised. It is anticipated that as the program grows we will have a sufficient number of students to conduct meaningful assessment.

Action Plan

In an effort to evaluate whether the program is providing the skill sets sought by employers, the curriculum of the MSAIT was reviewed in depth by the department chairs of Accounting and CIS & QMST, with feedback from their respective advisory boards. Beginning fall 2013, the faculty of both the Accounting and CIS & QMST will explore further refinement of the program based on the competitive environment, and employer demand. Alignment of assessment plans with the courses will be determined at the spring 2014 faculty meetings once an agreement is reached on curriculum revisions.

Outcome 1

Students will demonstrate applying accounting and information technology knowledge in new and unfamiliar circumstances. To fulfill this outcome, the student will correctly analyze the problem, develop and explain findings, and justify a conclusion or recommendation.

Assessment of a student's ability to apply accounting and information technology knowledge in new and unfamiliar circumstances will be conducted using the following methods:

Outcome 1 - Method 1

In ACC 5371 (Accounting Information Systems) embedded questions will be used. It is expected that 80% of students will answer 85% or more questions correctly.
CIS 5355 (Database Management Systems) and CIS 5368 (Information Security) will use a rubric to evaluate a set of out-of-class individual assignments/projects. It is expected that 80% of students will meet or exceed expectations relating to a student's ability to apply accounting and information technology knowledge in new and unfamiliar circumstances as defined by the rubric. Exam-embedded questions will also be used. It is expected that 80% of the students will answer 85% or more questions correctly.

Outcome 1 - Method 1 - Result

	Fall	Spring
ACC 5371 (Accounting Information Systems): embedded questions were be used. Percentage of students answering 85% or more questions correctly. Students are exceeding the target expectations for this goal.	100%	100%

CIS 5355 (Database Management Systems): Percentage of students who met or exceeded expectations relating to a student's ability to apply accounting and information technology knowledge in new and unfamiliar circumstances as defined by the rubric.	In the academic year (AY) 2012-2013, 6 MSAIT students were assessed on their ability to develop a conceptual design and implement a relational database schema from a set of business information requirements via out-of-class assignments. The course instructor found that approximately 83% (5) of the students scored 85% or higher based on the rubric used to evaluate the conceptual design and implementation of the relational database.	
CIS 5368 (Information Security): Percentage of the students who answered 85% or more questions correctly. Students are meeting the target expectations for this goal.		For AY 12/13 97% of students met or exceeded expetations.

Outcome 1 - Method 2

In ACC 5375 (Business Consulting), projects will be used to assess students' ability to apply accounting and IT knowledge. The projects will be assessed using a rubric. It is expected that 80% of students will meet or exceed expectations as defined by the rubric.

Outcome 1 - Method 2 - Result

	Fall	Spring
ACC 5375 (Business Consulting): of students will meet or exceed expectations as defined by the rubric. Based on the one assessment result, students are meeting the target expectation on this goal.	No assessment due to administrative error.	100%

Outcome 2

Students will apply analytical and critical thinking skills to evaluate information, solve problems, and make sound decisions in accounting and information technology problems. To accomplish this outcome, the student will synthesize and evaluate the relevance of data and demonstrate analytical and critical thinking skills in exploring new questions, analyzing complex issues from multiple perspectives and arrive at reasoned conclusions.

Analytical and critical thinking skills will be assessed using the following methods:

Outcome 2 - Method 1

In ACC 5371 (Accounting Information Systems), embedded questions will be used. It is expected that 80% of the students will answer 85% or more questions correctly.

Outcome 2 - Method 1 - Result

	Fall	Spring
ACC 5371 (Accounting Information Systems): Percentage of students meeting expectation. Students are meeting exceeding targeted expectations.	100%	100%

Outcome 2 - Method 2

ACC 5375 (Business Consulting) will use term papers and projects. A rubric will be used to assess performance. It is expected that 80% of the students will meet or exceed expectations as defined by the rubric.

CIS 5368 (Information security) will use out-of-class assignments and assess them with a rubric. It is expected that 80% of students will meet or exceed expectations related to a student's ability to apply analytical and critical thinking skills to evaluate information, solve problems, and make sound decisions in accounting and information technology problems as defined by the rubric. Embedded exam questions will also be used. It is expected that 80% of the students will answer 85% or more questions correctly.

Outcome 2 - Method 2 - Result

	Fall	Spring
ACC 5375 (Business Consulting): Percentage of the students will meet or exceed expectations as defined by the rubric.	No assessment due to administrative error.	100% met or exceeded
CIS 5368 (Information security): Percentage of the students that answer correctly.	Results for academic year have been combined.	100% met or exceed
Students are meeting targeted expectations.		

Outcome 3

Students will use information technology skills in decision making at a level expected of a master's student for practice and research in accounting and information technology used in a business consulting capacity. To fulfill this outcome, the student will learn to use information technology (IT) and be able to apply IT in analysis and communication.

IT skills will be evaluated using the following methods:

Outcome 3 - Method 1

In ACC 5371 (Accounting Information Systems), an Excel project will be used. It is expected that 80% of the students will score 85% or better on the project.

CIS 5355 (Database Management Systems) and CIS 5368 (Information Security) will use a rubric to evaluate a set of out-of-class individual assignments/projects. It is expected that 80% of students will meet or exceed expectation with respect to their abilty to use information technology (IT) and be able to apply IT in analysis and communication as defined by the rubric. Exam-embedded questions will also be used. It is expected that 80% of the students will answer 85% or more questions correctly.

Outcome 3 - Method 1 - Result

	Fall	Spring
ACC 5371 (Accounting Information Systems): Percentage of the students meeting or exceeding on the project.	100% Exceeded	100% Exceeded
CIS 5355 (Database Management Systems): Percentage of the students will answer 85% or more questions correctly.	Results for academic year have been combined.	In the academic year (AY) 2012-2013, 6 MSAIT students were assessed via out-of-class assignments on their ability to write, test and execute SQL statements to retrieve and process data stored in a relational database to generate required business information. The course instructor found that approximately 100% (6) of the students scored 85% or higher based on the rubric used to evaluate the SQL statement questions.
CIS 5368 (Information Security): Percentage of the students will answer 85% or more questions correctly.		88% met or exceeded expectations
The target expectation for this outcome was met.		

Outcome 3 - Method 2

ACC 5375 (Business Consulting) will use term papers and projects. A rubric will be developed to assess a student's ability to apply IT in analysis and communication in the term paper and the project. It is expected that 80% of the students will use IT and apply IT in analysis and communication at the level that meets or exceeds expectations as defined by the rubric.

Outcome 3 - Method 2 - Result

	Fall	Spring
ACC 5375 (Business Consulting): Percentage of the students that use IT and apply IT in analysis and communication at the level that meets or exceeds expectations as defined by the rubric. The target expectation for this outcome appears to have been met.	Due to administrative error no assessment made.	100% met or exceeded

Outcome 4

Students will conceptualize a complex issue into a coherent, persuasive written or oral statement. To fulfill the written portion of the outcome, the student will develop well-written reports, memos, and projects that explain findings, organize ideas into a coherent train of thought, and justify a conclusion or recommendation. To fulfill the oral portion, the student will make effective oral presentations that explain findings, organize ideas into a coherent train of thought, and justify a conclusion or recommendation.

Written and oral communication skills will be assessed using the following methods:

Outcome 4 - Method 1

CIS 5368 (Information Security) will use out-of-class individual assignments/projects. The instructor will use a rubric to evaluate the set of out-of-class assignments. It is expected that 80% of the students will meet or exceed expectations exstablished for written and oral communication skills as defined by the rubric.

Outcome 4 - Method 1 - Result

	Fall	Spring
CIS 5368 (Information Security): Percentage of the students that meet or exceed expectations established for written and oral communication skills as defined by the rubric.	Assignment not used this semester.	Assignment not used this semester.

Outcome 4 - Method 2

Oral communication skills will be assessed through student presentations in ACC 5375 (Business Consulting). A rubric will be used for the assessment. It is expected that 80% of students will meet or exceed expectations as defined by the rubric.

Outcome 4 - Method 2 - Result

	Fall	Spring
ACC 5375 (Business Consulting): Percentage of students that meet or exceed expectations as defined by the rubric. Although only one assessment was conducted on this outcome, students appear to be meeting target expectations well.	Not assessed due to administrative error.	100% met or exceeded

Outcome 5

Students will understand the importance of group dynamics in achieving organizational goals and use the skills needed for effective teamwork. To accomplish this outcome, students will demonstrate an ability to work effectively in teams.

Teamwork skills will be assessed using the following methods:

Outcome 5 - Method 1

In ACC 5375 (Business Consulting). students will be assigned to teams to work on a project or projects. Various aspects of effective, quality teamwork will be assessed based on a rubric. It is expected that 80% of students will meet or exceed expectations as defined by the rubric.

Outcome 5 - Method 1 - Result

	Fall	Spring
ACC 5375 (Business Consulting): Percentage of students that met or exceed expectations as defined by the rubric.	Not assessed due to administrative error.	100% met or exceeded
Although only one assessment was conducted, students seem to be meeting target expectations on this outcome.		

Outcome 5 - Method 2

CIS 5355 (Data Management Systems) will use an out-of-class group projects to assess this skill, using a rubric. It is expected that 80% of students will meet or exceed expectations as defined by the rubric.

Outcome 5 - Method 2 - Result

	Fall	Spring
CIS 5355 (Data Management Systems):of students will meet or exceed expectations as defined by the rubric.		The assignment for this assessment was not used, so not assessed in AY 12-13

Outcome 6

Students will apply ethical reasoning for resolution of ethical dilemmas of accounting and information technology. To satisfy this outcome, the student will be able to recognize an ethical dilemma, apply ethical reasoning to resolve it and provide support for the resolution and effects on stakeholders.

Ethical reasoning will be assessed in the following methods:

Outcome 6 - Method 1

In ACC 5355 (IT Auditing) cases will be used. A rubric will be used to assess a student's ability to correctly identify the ethical dilemma, apply ethical reasoning and provide support for the resolution. It is expected that 80% of students will meet or exceed expectations as defined by the rubric.

Outcome 6 - Method 1 - Result

	Fall	Spring
ACC 5355 (IT Auditing)	Not offered	Not offered

Outcome 6 - Method 2

In CIS 5368 (Information Security) a combination of out-of-class individual assignments/projects and/or exam-embedded questions will be used. The instructor will use a rubric to evaluate this set of out-of-class assignments. It is expected that 80% of students will meet or exceed expectations as defined by the rubric. With respect to exam-embedded questions, it is expected that 80% of the students will answer 85% or more questions correctly.

Outcome 6 - Method 2 - Result

	Fall	Spring
CIS 5368 (Information Security):Percentage of the students who answer 85% or more questions correctly	Fall and spring assessments were combined for the academic year.	100% of students met or exceeded expectations for the AY 12/13
Targeted expectations for this outcome were met.		

Outcome 7

The academic program will promote and realize gains in student success.

Outcome 7 - Method 1

Student retention success will be measured by observing one year retention rates of students enrolled in the academic program from their first to second year. Data will be obtained from the university's certified enrollment records at the end of the fall semester. Rates of retention success will be expected to be at or above the university average for this level of program.

Outcome 7 - Method 1 - Result

The number of entering students enrolled in the academic program who returned the second year provided the data to assess retention. In this program, 3 of the 4 entering students in fall of 2011 returned for their second year in fall of 2012 for a one year retention rate of 75.0%, below the university Master's degree average of 77.0% and not meeting the expected target. This was the first year to collect data on this measure. Data will serve as baseline data for future outcome assessment reports.

Outcome 7 - Method 2

Student graduation success will be measured by observing the number of graduates from the academic program in during the fall, spring, and summer semesters and comparing the number of graduates to the number of students enrolled in the program. Data will be obtained from the university's certified enrollment records for the fall, spring, and summer semesters. The number of graduates is expected to be at or above the university rate of graduation for this level of program.

Outcome 7 - Method 2 - Result

The number of students graduating from the degree program during the 2012-2013 fall, spring, and summer semesters along with the total number of students enrolled in the program provided the data to assess student graduation success. In this program, 7 of the 23 students enrolled in the program graduated in the fall, spring, and summer semesters for a graduation percentage of 30.4%, short of the university Master's degree average of 39.7% and not meeting the expected target. This was the first year to collect data on this measure. Data will serve as baseline data for future outcome assessment reports.

Outcome 8

The academic program will promote and realize diversity among its student population.

Outcome 8 - Method 1

Student gender diversity will be measured by reviewing the number and percentage of male and female students enrolled in the academic program during the fall semesters. Data will be obtained from the university's certified enrollment records at the end of the fall semester. Student gender diversity will be expected to be balanced (50/50).

Outcome 8 - Method 1 - Result

The number male verses female student enrolled in the academic program during the 2012-2013 fall, spring, and summer semesters provided the gender data. In this program, 7 of the 23 students or 30.4% were female while 16 of the students or 69.6% were male providing an imbalance in gender distribution and meeting the expected target. This was the first year to collect data on this measure, and data will serve as baseline data for future outcome assessment reports.

Outcome 8 - Method 2

Student racial and ethnic diversity will be measured by observing race and ethnicity of students enrolled in the academic program during the fall semesters. Data will be obtained from the university's certified enrollment records at the end of the fall semester. Student racial and ethnic diversity will be expected to mirror percentages in the population of students in the other Texas Emerging Research Universities.

Outcome 8 - Method 2 - Result

The number students of various ethnic backgrounds enrolled in the academic program during the 2012 fall semester provided the data to assess ethnic and racial diversity. In this program, 0 of the 23 students or 0.0% were African-American; 1 students or 4.3% were Hispanic; 17 students or 73.9% were White, non-Hispanic; 2 students or 8.7% were of other minority or unknown backgrounds; and 3 students or 13.0% were of non-resident International students. During 2012-2013, student enrollment in other Texas Emerging Research Universities consisted of 9.9% Black, non-Hispanic, 29.0% Hispanic, 40.0% White, non-Hispanic, 13.0% other minority or unknown background; and 8.1% were of non-resident International students. Thus, the data for this program indicate students represent a racial and ethnic diversity distribution less diverse than that of other Texas Emerging Research Universities, also indicating that the program is not meeting the expected target. This was the first year to collect data on this measure, and data will serve as baseline data for future outcome assessment reports.

Approval History

Approval History Event	Approver
Outcomes Approved Level 1	Ann Watkins (alw120)
Outcomes Approved Level 2	Denise Smart (ds37)
Outcomes Audit Report Submitted	Robert Davis (rd23)
Results Approved Level 1	Ann Watkins (alw120)
Results Approved Level 2	Denise Smart (ds37)