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|  | Public Disclosure of Student Learning | |  |
|  | Institution | Capitol Technology University |  |
|  | Academic Business Unit | Department of Business and Information Sciences |  |
|  | Academic Year | 2015-2016 |  |
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**International Assembly for Collegiate Business Education**

Report of Student Learning and Achievement

**Capitol Technology University**

Department of Business and Information Sciences

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| **For Academic Year:** | **2015-2016** |

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| **Mission of the Department of Business and Information Sciences** |
| **The mission of the Department of Business and Information Sciences is to provide students a practical education in an environment supportive of academic excellence and high student achievement, preparing them to thrive in professional careers.** |

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| **Student Learning Assessment forthe Bachelor of Science in Business Administration (BSBA)** | | | | | | | | | |
| **Program Intended Student Learning Outcomes (Program ISLOs)** | | | | | | | | | |
| 1. **Graduates will be able to explain the major concepts in the functional areas of core business courses.** | | | | | | | | | |
| 1. **Graduates will be able to explain and evaluate possible economic, social, legal, ethical, and environmental impacts of their business solutions in a global environment in a management role.** | | | | | | | | | |
| 1. **Graduates will be able to describe the global business environment.** | | | | | | | | | |
| 1. **Graduates will be able to employ decision-support tools to business decision-making.** | | | | | | | | | |
| 1. **Graduates will be able to demonstrate a mastery of traditional and technological techniques of communicating ideas effectively and persuasively.** | | | | | | | | | |
| 1. **Graduates will be able demonstrate knowledge as it relates to the BSBA core courses in an integrated manner within a global business environment.** | | | | | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Direct Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Direct Measures:** | | | | | |
| **1. Capstone Strategic Management (BUS 410) Case Study**  **Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6** | | | | **At least 75% of the students will score 70% or higher on the case study evaluation rubric.** | | | | | |
| **2. Capstone Senior Project (BUS 458)**    **Program ISLOs Assessed by this Measure: 1, 2, 4, 5, 6** | | | | **At least 75% of graduating seniors will score 80% or higher on the Capstone Senior Project evaluation rubric.** | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Indirect Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Indirect Measures:** | | | | | |
| **1. Graduating Student Survey (Undergraduate)**    **Program ISLOs Assessed by this Measure: 1, 2, 3 4, 5, 6** | | | | **On the exit survey instrument, at least 80% of graduating seniors in business will indicate that they were “successful” or “very successful” in achieving the intended learning outcomes.** | | | | | |
| **2. End-of-course Survey (contains overall course and curriculum questions)**    **Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6** | | | | **At least 70% of the students "agree" or "strongly agree" that the overall quality of the course has met their expectations of quality and intended learning outcomes of the course.** | | | | | |
| **Assessment Results: Bachelor of Science in Business Administration (BSBA)** | | | | | | | | | |
| **Summary of Results from Implementing Direct Measures of Student Learning:** | | | | | | | | | |
| 1. **Capstone Strategic Management (BUS 410) Case Study:**   **Percentage of Students Achieving a Score of 70% or Higher on the Capstone Strategic Management Case Study:**   |  |  |  | | --- | --- | --- | | **Capstone Strategic Management Case Study (Program ISLO 1, 2, 3, 4, 5, 6):** | **100% of Total** | **(Class average score: 93.3%)** | | | | | | | | | | |
| 1. **Capstone Senior Project (BUS 458):**   **Percentage of Students Achieving a Score of 80% or Higher on the Capstone Senior Project:**   |  |  |  | | --- | --- | --- | | **Capstone Senior Project (Program ISLO 1, 2, 3, 4, 5, 6):** | **100% of Total** | **(Class average score: 99%)** | | | | | | | | | | |
| **Summary of Results from Implementing Indirect Measures of Student Learning:** | | | | | | | | | |
| 1. **Graduating Student Survey (Undergraduate):**  |  |  |  | | --- | --- | --- | | **1.** | **ISLO #1** |  | |  | **Understanding of issues related to my profession** | **85.7%** | |  | **Ability to identify, formulate and solve business problems** | **85.7%** | |  |  |  | | **2.** | **ISLO #2** |  | |  | **Ability to make timely and informed decisions** | **85.7%** | |  | **Ability to apply appropriate business knowledge in an integrated manner within a global environment** | **85.7%** | |  |  |  | | **3.** | **ISLO #3** |  | |  | **Understanding of issues related to my profession** | **85.7%** | |  | **Ability to apply appropriate business knowledge in an integrated manner within a global environment** | **85.7%** | |  |  |  | | **4.** | **ISLO #4** |  | |  | **Ability to use appropriate business tools to solve problems** | **100%** | |  | **Ability to use current technological tools relating to the business environment** | **71.4%** | |  | **Ability to analyze and interpret data** | **71.4%** | |  | **Ability to apply management skills to business problem** | **100%** | |  |  |  | | **5.** | **ISLO #5** |  | |  | **Ability to apply project management principles** | **85.7%** | |  | **Ability to present information effectively using current technology** | **100%** | |  | **Ability to prepare formal business communications (letters, memos, reports)** | **71.4%** | |  |  |  | | **6.** | **ISLO #6** |  | |  | **Ability to design and use research tools (questionnaires, surveys, interviews)** | **85.7%** | |  | **Ability to apply appropriate business knowledge in an integrated manner within a global environment** | **85.7%** | |  | **Ability to design a system or process to meet desired needs** | **85.7%** | | | | | | | | | | |
| 1. **End-of-course Survey:  (contains overall course questions, curriculum questions, and percentage of students who “agree” and “strongly agree”)**  |  |  |  | | --- | --- | --- | | **1.** | **The instructor was well prepared to present and discuss course material.** | **88.4%** | | **2.** | **The instructor presented content in a systematic and organized fashion, relating parts to the whole.** | **89.3%** | | **3.** | **The instructor used supplemental technology to present material (ex., audio visual aids, Canvas, www, etc.)** | **93.9%** | | **4.** | **The instructor posed questions to students designed to promote critical thinking and analysis.** | **94.5%** | | **5.** | **The instructor promoted free-flow of communication: instructor and student, and between students.** | **90.7%** | | **6.** | **The instructor introduced divergent viewpoints in areas where different points of view exist.** | **88.5%** | | **7.** | **The instructor clarified abstract and complex ideas, using examples within students** | **89%** | | **8.** | **The instructor periodically evaluated students.** | **89.2%** | | **9.** | **The instructor assigned homework which reinforces the lecture materials.** | **87.5%** | | **10.** | **The instructor provided useful feedback on submitted materials.** | **86.2%** | | **11.** | **The instructor was available outside of scheduled class hours.** | **81.4%** | | **12.** | **Course objectives were clearly defined.** | **89.4%** | | **13.** | **Dates for the submission of major materials were specified.** | **87.9%** | | **14.** | **Guidelines and requirements for presentations and written assignments were clearly stated.** | **88.4%** | | **15.** | **Clear, well-developed policies and procedures for evaluating student performance and grading were explained.** | **90.5%** | | **16.** | **Expectations of students including, but not limited to attendance, make-up work, and honor code policies were clearly explained.** | **94.4%** | | **17.** | **The course objectives were accomplished.** | **91.8%** | | **18.** | **Exams and quizzes were designed to test the course outcomes (covered appropriate subject matter).** | **89.2%** | | **19.** | **The required text(s) were valuable in contributing to my overall understanding of the course content.** | **88.9%** | | **20.** | **The labs demonstrated and reinforced the course objectives.** | **88.3%** | | | | | | | | | | |
| **Summary of Achievement of Intended Student Learning Outcomes:** | | | | | | | | | |
| **Intended Student Learning Outcomes** | **Learning Assessment Measures** | | | | | | | | |
| **Program ISLOs** | ***Direct Measure 1*** | ***Direct Measure 2*** | ***Direct Measure 3*** | | ***Direct Measure 4*** | ***Indirect Measure 1*** | ***Indirect Measure 2*** | ***Indirect Measure 3*** | ***Indirect Measure 4*** |
| **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** |
| 1. **Graduates will be able to explain the major concepts in the functional areas of core business courses.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to explain and evaluate possible economic, social, legal, ethical, and environmental impacts of their business solutions in a global environment in a management role.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to describe the global business environment.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to employ decision-support tools to business decision-making.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to demonstrate a mastery of traditional and technological techniques of communicating ideas effectively and persuasively.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able demonstrate knowledge as it relates to the BSBA core courses in an integrated manner within a global business environment.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| **Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:** | | | | | | | | | | |
| **N/A.** | | | | | | | | | | |

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| **Student Learning Assessment forthe Bachelor of Science in Management of Cyber and Information Technology (BS MCIT)** | | | | | | | | | |
| **Program Intended Student Learning Outcomes (Program ISLOs)** | | | | | | | | | |
| 1. **Graduates will be able to explain the major concepts in the functional areas of the degree program.** | | | | | | | | | |
| 1. **Graduates will be able to demonstrate a working knowledge of cybersecurity.** | | | | | | | | | |
| 1. **Graduates will be able to explain and evaluate possible economic, social, legal, ethical, and environmental impacts of their business solutions in a global environment in a management role.** | | | | | | | | | |
| 1. **Graduates will be able to describe the global business environment.** | | | | | | | | | |
| 1. **Graduates will be able to employ decision-support tools to business decision making.** | | | | | | | | | |
| 1. **Graduates will be able to demonstrate a mastery of traditional and technological techniques of communicating ideas effectively and persuasively.** | | | | | | | | | |
| 1. **Graduates will be able to demonstrate in depth knowledge as it relates to the core business courses in an integrated manner within a global environment.** | | | | | | | | | |
| 1. **Graduates will be able to collaborate with a team of colleagues on diverse projects.** | | | | | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Direct Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Direct Measures:** | | | | | |
| **1. Capstone Strategic Management (BUS 410) Case Study**  **Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6** | | | | **At least 75% of the students will score 70% or higher on the case study evaluation rubric.** | | | | | |
| **2. Capstone Senior Project (BUS 458)**    **Program ISLOs Assessed by this Measure: 1, 2, 4, 5, 6** | | | | **At least 75% of graduating seniors will score 80% or higher on the Capstone Senior Project evaluation rubric.** | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Indirect Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Indirect Measures:** | | | | | |
| **1. Graduating Student Survey (Undergraduate)**    **Program ISLOs Assessed by this Measure: 1, 2, 3 4, 5, 6** | | | | **On the exit survey instrument, at least 75% of graduating seniors in management will indicate that they were “successful” or “very successful” in achieving the intended learning outcomes.** | | | | | |
| **2. End-of-course survey (contains overall course and curriculum questions)**    **Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6** | | | | **At least 70% of the students "agree" or "strongly agree" that the overall quality of the course has met their expectations of quality and intended learning outcomes of the course.** | | | | | |
| **Assessment Results: Bachelor of Science in Management of Cyber and Information Technology (BS MCIT)** | | | | | | | | | |
| **Summary of Results from Implementing Direct Measures of Student Learning:** | | | | | | | | | |
| 1. **Capstone Strategic Management (BUS 410) Case Study:**   **Percentage of Students Achieving a Score of 70% or Higher on the Capstone Strategic Management Case Study:**     |  |  |  | | --- | --- | --- | | **Capstone Strategic Management Case Study (Program ISLO 1, 2, 3, 4, 5, 6, 7, 8):** | **100% of Total** | **(Class average score: 93.3%)** | | | | | | | | | | |
| 1. **Capstone Senior Project (BUS 458):**   **Percentage of Students Achieving a Score of 80% or Higher on the Capstone Senior Project:**   |  |  |  | | --- | --- | --- | | **Capstone Senior Project (Program ISLO 1, 2, 3, 4, 5, 6, 7, 8):** | **100% of Total** | **(Class average score: 99%)** | | | | | | | | | | |
| **Summary of Results from Implementing Indirect Measures of Student Learning:** | | | | | | | | | |
| 1. **Graduating Student Survey (Undergraduate):**  |  |  |  | | --- | --- | --- | | **1.** | **ISLO #1** |  | |  | **Understanding of issues related to my profession** | **85.7%** | |  | **Ability to identify, formulate and solve business problems** | **85.7%** | |  |  |  | | **2.** | **ISLO #2** |  | |  | **Understanding of issues related to my profession** | **85.7%** | |  | **Ability to use current technological tools relating to the business environment** | **71.4%** | |  | **Ability to analyze and interpret data** | **71.4%** | |  |  |  | | **3.** | **ISLO #3** |  | |  | **Ability to make timely and informed decisions** | **85.7%** | |  | **Ability to apply appropriate business knowledge in an integrated manner within a global environment** | **85.7%** | |  |  |  | |  |  |  | | **4.** | **ISLO #4** |  | |  | **Understanding of issues related to my profession** | **85.7%** | |  | **Ability to apply appropriate business knowledge in an integrated manner within a global environment** | **85.7%** | |  |  |  | | **5.** | **ISLO #5** |  | |  | **Ability to use appropriate business tools to solve problems** | **100%** | |  | **Ability to use current technological tools relating to the business environment** | **71.4%** | |  | **Ability to analyze and interpret data** | **71.4%** | |  | **Ability to apply management skills to business problem** | **100%** | |  |  |  | | **6.** | **ISLO #6** |  | |  | **Ability to apply project management principles** | **85.7%** | |  | **Ability to present information effectively using current technology** | **100%** | |  | **Ability to prepare formal business communications (letters, memos, reports)** | **71.4%** | |  |  |  | | **7.** | **ISLO #7** |  | |  | **Ability to design and use research tools (questionnaires, surveys, interviews)** | **85.7%** | |  | **Ability to apply appropriate business knowledge in an integrated manner within a global environment** | **85.7%** | |  | **Ability to design a system or process to meet desired needs** | **85.7%** | |  |  |  | | **8.** | **ISLO #8** |  | |  | **Understanding of issues related to my profession** | **85.7%** | |  | **Ability to identify, formulate and solve business problems** | **85.7%** | |  | **Ability to apply project management principles** | **85.7%** | |  | **Ability to present information effectively using current technology** | **100%** | |  |  |  | |  |  |  | | | | | | | | | | |
| 1. **End-of-course Survey:**   **(contains overall course questions, curriculum questions, and percentage of students who “agree” and “strongly agree”)**   |  |  |  | | --- | --- | --- | | **1.** | **The instructor was well prepared to present and discuss course material.** | **88.4%** | | **2.** | **The instructor presented content in a systematic and organized fashion, relating parts to the whole.** | **89.3%** | | **3.** | **The instructor used supplemental technology to present material (ex., audio visual aids, Canvas, www, etc.)** | **93.9%** | | **4.** | **The instructor posed questions to students designed to promote critical thinking and analysis.** | **94.5%** | | **5.** | **The instructor promoted free-flow of communication: instructor and student, and between students.** | **90.7%** | | **6.** | **The instructor introduced divergent viewpoints in areas where different points of view exist.** | **88.5%** | | **7.** | **The instructor clarified abstract and complex ideas, using examples within students** | **89%** | | **8.** | **The instructor periodically evaluated students.** | **89.2%** | | **9.** | **The instructor assigned homework which reinforces the lecture materials.** | **87.5%** | | **10.** | **The instructor provided useful feedback on submitted materials.** | **86.2%** | | **11.** | **The instructor was available outside of scheduled class hours.** | **81.4%** | | **12.** | **Course objectives were clearly defined.** | **89.4%** | | **13.** | **Dates for the submission of major materials were specified.** | **87.9%** | | **14.** | **Guidelines and requirements for presentations and written assignments were clearly stated.** | **88.4%** | | **15.** | **Clear, well-developed policies and procedures for evaluating student performance and grading were explained.** | **90.5%** | | **16.** | **Expectations of students including, but not limited to attendance, make-up work, and honor code policies were clearly explained.** | **94.4%** | | **17.** | **The course objectives were accomplished.** | **91.8%** | | **18.** | **Exams and quizzes were designed to test the course outcomes (covered appropriate subject matter).** | **89.2%** | | **19.** | **The required text(s) were valuable in contributing to my overall understanding of the course content.** | **88.9%** | | **20.** | **The labs demonstrated and reinforced the course objectives.** | **88.3%** | | | | | | | | | | |
| **Summary of Achievement of Intended Student Learning Outcomes:** | | | | | | | | | |
| **Intended Student Learning Outcomes** | **Learning Assessment Measures** | | | | | | | | |
| **Program ISLOs** | ***Direct Measure 1*** | ***Direct Measure 2*** | ***Direct Measure 3*** | | ***Direct Measure 4*** | ***Indirect Measure 1*** | ***Indirect Measure 2*** | ***Indirect Measure 3*** | ***Indirect Measure 4*** |
| **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** |
| 1. **Graduates will be able to explain the major concepts in the functional areas of the degree program.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to demonstrate a working knowledge of cybersecurity.** | **NA** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to explain and evaluate possible economic, social, legal, ethical, and environmental impacts of their business solutions in a global environment in a management role.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to describe the global business environment.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to employ decision-support tools to business decision making.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to demonstrate a mastery of traditional and technological techniques of communicating ideas effectively and persuasively.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to demonstrate in depth knowledge as it relates to the core business courses in an integrated manner within a global environment.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| 1. **Graduates will be able to collaborate with a team of colleagues on diverse projects.** | **Met** | **Met** |  | |  | **Met** | **Met** |  |  |
| **Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:** | | | | | | | | | | |
| 1. **Program ISLO 2: Program ISLO 2 is not currently measured in BUS-410, but is currently measured in IAE-301, Comprehensive Computer Network Security. In the future, we will modify the Capstone Strategic Management Case Study in BUS-410 for the BS MCIT students. The modified Capstone Strategic Management Case Study for BS MCIT students will include the requirement to demonstrate a working knowledge of cybersecurity (i.e., Propgram ISLO 2) within the case study.** | | | | | | | | | | |

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| **Student Learning Assessment forthe Master of Business Administration (MBA)** | | | | | | | | | |
| **Program Intended Student Learning Outcomes (Program ISLOs)** | | | | | | | | | |
| 1. **Graduates will be able to identify organization problems and use information systems, technology, financial and accounting techniques, marketing research, and other decision-making tools to strategically analyze, assess, and devise solutions to business problems in a global environment.** | | | | | | | | | |
| 1. **Graduates will be able to employ quantitative techniques and methods and interpret the results in the analysis of real-world business situations.** | | | | | | | | | |
| 1. **Graduates will be able to communicate effectively in multiple and present arguments in a convincing and persuasive manner.** | | | | | | | | | |
| 1. **Graduates will be able to collaborate effectively with a team of colleagues on diverse projects.** | | | | | | | | | |
| 1. **Graduates will be able to deduce the ethical obligations and responsibilities of a business in a leadership role.** | | | | | | | | | |
| 1. **Graduates will be able to differentiate and synthesize discipline-based knowledge as well as hypothesize the interrelationships of the specific areas of study.** | | | | | | | | | |
| 1. **Graduates will develop ~~l~~eadership skills and demonstrate the ability to become a change agent in a complex global economy** | | | | | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Direct Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Direct Measures:** | | | | | |
| 1. **Capstone Strategic Management (MBA 650) Case Study**     **Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6, 7** | | | | **At least 80% of the students will score 80% or higher on the case study evaluation rubric.** | | | | | |
| 1. **Capstone Project (MBA 700)**     **Program ISLOs Assessed by this Measure: 1, 2, 4, 5, 6** | | | | **At least 80% of graduating MBA students will score 80% or higher on the Capstone Project evaluation rubric.** | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Indirect Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Indirect Measures:** | | | | | |
| 1. **Graduating Student Survey (Graduate)**     **Program ISLOs Assessed by this Measure: 1, 2, 3 4, 5, 6, 7** | | | | **On the exit survey instrument, at least 75% of the MBA graduates will indicate that they were “successful” or “very successful” in achieving the intended learning outcomes for the major in business.** | | | | | |
| 1. **End-of-course survey (contains overall course and curriculum questions)  Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6, 7** | | | | **At least 70% of the students agree or strongly agree that the overall quality of the course has met their expectations of quality and intended learning outcomes of the course.** | | | | | |
| **Assessment Results: Master of Business Administration (MBA)** | | | | | | | | | |
| **Summary of Results from Implementing Direct Measures of Student Learning:** | | | | | | | | | |
| 1. **Capstone Strategic Management (MBA 650) Case Study:  Percentage of Students Achieving a Score of 80% or Higher on the Capstone Strategic Management Case Study:**      |  |  |  | | --- | --- | --- | | **Capstone Strategic Management Case Study (Program ISLO 1, 2, 3, 4, 5, 6, 7):** | **100% of Total** | **(Class average score: 90.8%)** | | | | | | | | | | |
| 1. **Capstone Project (MBA 700):**   **Percentage of Students Achieving a Score of 80% or Higher on the Capstone Project:**     |  |  |  | | --- | --- | --- | | **Capstone Project (Program ISLO 1, 2, 3, 4, 5, 6, 7):** | **100% of Total** | **(Class average score: 96.6%)** | | | | | | | | | | |
| **Summary of Results from Implementing Indirect Measures of Student Learning:** | | | | | | | | | |
| 1. **Graduating Student Survey (Graduate):  Not Assessed: the response rate was not statistically significant.** | | | | | | | | | |
| 1. **End-of-course Survey:**   **(contains overall course questions, curriculum questions, and percentage of students who “agree” and “strongly agree”)**   |  |  |  | | --- | --- | --- | | **1.** | **The instructor was well prepared to present and discuss course material.** | **96.4%** | | **2.** | **The instructor presented content in a systematic and organized fashion, relating parts to the whole.** | **97.5%** | | **3.** | **The instructor used supplemental technology to present material (ex., audio visual aids, Canvas, www, etc.)** | **95.7%** | | **4.** | **The instructor posed questions to students designed to promote critical thinking and analysis.** | **90.4%** | | **5.** | **The instructor promoted free-flow of communication: instructor and student, and between students.** | **97.5%** | | **6.** | **The instructor introduced divergent viewpoints in areas where different points of view exist.** | **92.5%** | | **7.** | **The instructor clarified abstract and complex ideas, using examples within students** | **91.5%** | | **8.** | **The instructor periodically evaluated students.** | **90.3%** | | **9.** | **The instructor assigned homework which reinforces the lecture materials.** | **95%** | | **10.** | **The instructor provided useful feedback on submitted materials.** | **91.4%** | | **11.** | **The instructor was available outside of scheduled class hours.** | **92.8%** | | **12.** | **Course objectives were clearly defined.** | **97.6%** | | **13.** | **Dates for the submission of major materials were specified.** | **98.8%** | | **14.** | **Guidelines and requirements for presentations and written assignments were clearly stated.** | **97.5%** | | **15.** | **Clear, well-developed policies and procedures for evaluating student performance and grading were explained.** | **96.3%** | | **16.** | **Expectations of students including, but not limited to attendance, make-up work, and honor code policies were clearly explained.** | **97.6%** | | **17.** | **The course objectives were accomplished.** | **94.2%** | | **18.** | **Exams and quizzes were designed to test the course outcomes (covered appropriate subject matter).** | **95.3%** | | **19.** | **The required text(s) were valuable in contributing to my overall understanding of the course content.** | **89.6%** | | **20.** | **The labs demonstrated and reinforced the course objectives.** | **92.5%** | | | | | | | | | | |
| **Summary of Achievement of Intended Student Learning Outcomes:** | | | | | | | | | |
| **Intended Student Learning Outcomes** | **Learning Assessment Measures** | | | | | | | | |
| **Program ISLOs** | ***Direct Measure 1*** | ***Direct Measure 2*** | ***Direct Measure 3*** | | ***Direct Measure 4*** | ***Indirect Measure 1*** | ***Indirect Measure 2*** | ***Indirect Measure 3*** | ***Indirect Measure 4*** |
| **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** |
| 1. **Graduates will be able to identify organization problems and use information systems, technology, financial and accounting techniques, marketing research, and other decision-making tools to strategically analyze, assess, and devise solutions to business problems in a global environment.** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to employ quantitative techniques and methods and interpret the results in the analysis of real-world business situations.** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to communicate effectively in multiple and present arguments in a convincing and persuasive manner.** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to collaborate effectively with a team of colleagues on diverse projects.** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to deduce the ethical obligations and responsibilities of a business in a leadership role.** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to differentiate and synthesize discipline-based knowledge as well as hypothesize the interrelationships of the specific areas of study.** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will develop leadership skills and demonstrate the ability to become a change agent in a complex global economy** | **Met** | **Met** |  | |  | **NA** | **Met** |  |  |
| **Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:** | | | | | | | | | | |
| 1. **Indirect Measure 1: The university will implement an improved administrative procedure prior to 2018 Commencement that requires the Master’s degree graduates to answer the Graduating Student Survey.** | | | | | | | | | | |

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| **Student Learning Assessment forthe Master of Science in Information Systems Management (MSISM)** | | | | | | | | | |
| **Program Intended Student Learning Outcomes (Program ISLOs)** | | | | | | | | | |
| 1. **Graduates will be able to identify organization problems and use information systems, technology, project management, and other decision-making tools to strategically analyze, assess, and devise solutions to business problems in a global environment.** | | | | | | | | | |
| 1. **Graduates will develop ~~l~~eadership skills and demonstrate the ability to become a change agent in a complex global economy.** | | | | | | | | | |
| 1. **Graduates will be able to communicate effectively in multiple forms forms and demonstrate the ability to devise plans of action for real-world business challenges.** | | | | | | | | | |
| 1. **Graduates will be able to the ethical obligations and responsibilities of a business in a leadership role.** | | | | | | | | | |
| 1. **Graduates will be able to employ information systems, technology, and other decision-making tools and interpret the results in analyzing and providing solutions to business problems in a global business environment.** | | | | | | | | | |
| 1. **Graduates will be able to define and conceptualize opportunities for enhanced information analysis and exploitation in order to facilitate business planning and execution.** | | | | | | | | | |
| 1. **Graduates will be able to collaborate effectively with a team of colleagues on diverse projects.** | | | | | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Direct Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Direct Measures:** | | | | | |
| 1. **Capstone Prioject (SM 569) Project**     **Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6, 7** | | | | **At least 80% of the students will score 80% or higher on the Capstone Project evaluation rubric.** | | | | | |
| **Assessment Instruments for Intended Student Learning Outcomes—**  **Indirect Measures of Student Learning:** | | | | **Performance Objectives (Targets/Criteria) for Indirect Measures:** | | | | | |
| 1. **Graduating Student Survey (Graduate)  Program ISLOs Assessed by this Measure: 1, 2, 3 4, 5, 6, 7** | | | | **On the exit survey instrument, at least 75% of the MSISM graduates will indicate that they were “successful” or “very successful” in achieving the intended learning outcomes for the major in business.** | | | | | |
| 1. **End-of-course survey (contains overall course and curriculum questions)  Program ISLOs Assessed by this Measure: 1, 2, 3, 4, 5, 6, 7** | | | | **At least 70% of the students “agree” or “strongly agree” that the overall quality of the course has met their expectations of quality and intended learning outcomes of the course.** | | | | | |
| **Assessment Results: Master of Science in Information Systems Management (MSISM)** | | | | | | | | | |
| **Summary of Results from Implementing Direct Measures of Student Learning:** | | | | | | | | | |
| 1. **Capstone Prioject (SM 569) Project:**   **Percentage of Students Achieving a Score of 80% or Higher on the Capstone Project:**     |  |  |  | | --- | --- | --- | | **Capstone Project (Program ISLO 1, 2, 3, 4, 5, 6, 7):** | **100% of Total** | **(Class average score: 96.5%)** | | | | | | | | | | |
| **Summary of Results from Implementing Indirect Measures of Student Learning:** | | | | | | | | | |
| 1. **Graduating Student Survey (Graduate):**  **Not Assessed: the response rate was not statistically significant.** | | | | | | | | | |
| 1. **End-of-course Survey:**   **(contains overall course questions, curriculum questions, and percentage of students who “agree” and “strongly agree”)**   |  |  |  | | --- | --- | --- | | **1.** | **The instructor was well prepared to present and discuss course material.** | **94.2%** | | **2.** | **The instructor presented content in a systematic and organized fashion, relating parts to the whole.** | **93.3%** | | **3.** | **The instructor used supplemental technology to present material (ex., audio visual aids, Canvas, www, etc.)** | **94.2%** | | **4.** | **The instructor posed questions to students designed to promote critical thinking and analysis.** | **90%** | | **5.** | **The instructor promoted free-flow of communication: instructor and student, and between students.** | **90%** | | **6.** | **The instructor introduced divergent viewpoints in areas where different points of view exist.** | **87.5%** | | **7.** | **The instructor clarified abstract and complex ideas, using examples within students** | **91.7%** | | **8.** | **The instructor periodically evaluated students.** | **90.8%** | | **9.** | **The instructor assigned homework which reinforces the lecture materials.** | **94.2%** | | **10.** | **The instructor provided useful feedback on submitted materials.** | **81.7%** | | **11.** | **The instructor was available outside of scheduled class hours.** | **88.3%** | | **12.** | **Course objectives were clearly defined.** | **96.7%** | | **13.** | **Dates for the submission of major materials were specified.** | **88.3%** | | **14.** | **Guidelines and requirements for presentations and written assignments were clearly stated.** | **96.7%** | | **15.** | **Clear, well-developed policies and procedures for evaluating student performance and grading were explained.** | **90%** | | **16.** | **Expectations of students including, but not limited to attendance, make-up work, and honor code policies were clearly explained.** | **96.7%** | | **17.** | **The course objectives were accomplished.** | **100%** | | **18.** | **Exams and quizzes were designed to test the course outcomes (covered appropriate subject matter).** | **96.7%** | | **19.** | **The required text(s) were valuable in contributing to my overall understanding of the course content.** | **97.5%** | | **20.** | **The labs demonstrated and reinforced the course objectives.** | **93.3%** | | | | | | | | | | |
| **Summary of Achievement of Intended Student Learning Outcomes:** | | | | | | | | | |
| **Intended Student Learning Outcomes** | **Learning Assessment Measures** | | | | | | | | |
| **Program ISLOs** | ***Direct Measure 1*** | ***Direct Measure 2*** | ***Direct Measure 3*** | | ***Direct Measure 4*** | ***Indirect Measure 1*** | ***Indirect Measure 2*** | ***Indirect Measure 3*** | ***Indirect Measure 4*** |
| **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** | **Performance Target Was…** |
| 1. **Graduates will be able to identify organization problems and use information systems, technology, project management, and other decision-making tools to strategically analyze, assess, and devise solutions to business problems in a global environment.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will develop leadership skills and demonstrate the ability to become a change agent in a complex global economy.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to communicate effectively in multiple forms forms and demonstrate the ability to devise plans of action for real-world business challenges.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to the ethical obligations and responsibilities of a business in a leadership role.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to employ information systems, technology, and other decision-making tools and interpret the results in analyzing and providing solutions to business problems in a global business environment.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to define and conceptualize opportunities for enhanced information analysis and exploitation in order to facilitate business planning and execution.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| 1. **Graduates will be able to collaborate effectively with a team of colleagues on diverse projects.** | **Met** |  |  | |  | **NA** | **Met** |  |  |
| **Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:** | | | | | | | | | | |
| 1. **Indirect Measure 1: The university will implement an improved administrative procedure prior to 2018 Commencement that requires the Master’s degree graduates to answer the Graduating Student Survey.** | | | | | | | | | | |