# Doctorate of Science in Information Technology, Online

**Semester reporting:** Summer Semester 2021

**Reporting cycle:** Annual Reporting Cycle

**Academic Program Assessment Report Information**

| Prepared on: 8/4/2022 4:35:21 PM | Prepared by: neil.rigole@mga.edu |
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| **Email address of person responsible for this report:** | neil.rigole@mga.edu |
| **In which college or school is this program located?** | Computing |
| **Program Type:** | Graduate |
| **Approximately how many students are in this program at this location?** | 28 |

**Student Learning Outcomes**
**SLO1**

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| **SLO 1: What is the first Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to......)** | Apply relevant methodologies to develop an innovative information technology solution (Program SLO 1) |
| **SLO 1: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (I.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?** | Strategic IT Plan (document) in ITEC 7230 |
| **SLO 1: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (I.e. 80% of all students will earn an average grade of 75% or better on....)** | 90% of students will earn a score of at least 80% of the assessment |
| **SLO 1: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)** | Performance data from MSIT program |
| **SLO 1: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.** | 100% |
| **SLO 1: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome? (Evidence of the improvement must be kept and filed in the department or academic unit including but not limited to: changes in exam questions, reading assignments, syllabi, course instruction materials or assignments. Both old versions and new versions should be kept on file for 10 years. Major changes to curriculum must go through the Academic Affairs process.)** | No issues were apparent with the data and all students performed above the target. The faculty teaching the courses  will continue to monitor in future reviews. |

**SLO2**

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| **SLO 2: What is the second Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to......)** | Evaluate information technology policy, compliance, and legal requirements within organizations (program SLO 3) |
| **SLO 2: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (I.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?** | Research Project/Paper in ITEC 8120 |
| **SLO 2: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (I.e. 80% of all students will earn an average grade of 75% or better on....)** | 90% of students will earn a score of at least 80% of the assessment measure |
| **SLO 2: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)** | Performance data from MSIT program |
| **SLO 2: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.** | 100% |
| **SLO 2: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome? (Evidence of the improvement must be kept and filed in the department or academic unit including but not limited to: changes in exam questions, reading assignments, syllabi, course instruction materials or assignments. Both old versions and new versions should be kept on file for 10 years. Major changes to curriculum must go through the Academic Affairs process.)** | No issues were apparent with the data and all students performed above the target. The faculty teaching the courses will continue to monitor in future reviews. |

**SLO3**

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| **SLO 3: What is the third Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to......)** | Formulate effective leadership strategies to guide information technology within organizations (Program SLO 2) |
| **SLO 3: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (I.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?** | Case study assignment |
| **SLO 3: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (I.e. 80% of all students will earn an average grade of 75% or better on....)** | 90% of students will earn a score of at least 80% of the assessment measure for the case study assignment. |
| **SLO 3: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)** | Past performance in MSIT program |
| **SLO 3: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.** | 0 |
| **SLO 3: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome? (Evidence of the improvement must be kept and filed in the department or academic unit including but not limited to: changes in exam questions, reading assignments, syllabi, course instruction materials or assignments. Both old versions and new versions should be kept on file for 10 years. Major changes to curriculum must go through the Academic Affairs process.)** | NA |

**SLO4**

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| **SLO 4: What is the fourth Student Learning Outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to......)** | Conduct information technology research to create knowledge. |
| **SLO 4: What instrument (assessment type) was used to measure student's ability to demonstrate mastery of this learning outcome? (I.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?** | Research Project in ITEC 8900Conduct information technology research to create knowledge. |
| **SLO 4: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (I.e. 80% of all students will earn an average grade of 75% or better on....)** | 90% of students will earn a score of at least 80% of the assessment measure for the research project assignment. |
| **SLO 4: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)** | Past MSIT performance data |
| **SLO 4: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.** | 0 |
| **SLO 4: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented based on an analysis of the students' performance on this Student Learning Outcome? (Evidence of the improvement must be kept and filed in the department or academic unit including but not limited to: changes in exam questions, reading assignments, syllabi, course instruction materials or assignments. Both old versions and new versions should be kept on file for 10 years. Major changes to curriculum must go through the Academic Affairs process.)** | NA |

**Sampling**

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| **How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location?** | 28 |

**Open Box for Assessment Comments**

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| **Required: In this field, please document the overall use of assessment results for continuous improvement (consider the past, present, and future and specifically address these in your narrative).** | The Student Outcomes are assessed using direct assessments via core courses in the program. The outcomes indicate the specific characteristics students should demonstrate as evidence of achievement. Actions are taken based on the findings and recommendations of the faculty to improve student outcomes for the next assessment cycle. |
| **Optional Open Text Box For Assessment Comments:** | |
| **If the COVID-19 pandemic impacted this assessment cycle, please provide specific details below. (Also submit any COVID-19 correspondence from your accrediting body to assessment@mga.edu when you submit this form with your Department name and program in the subject line.)** | |