## Program-Level Assessment Plan

**Program:** Computer Information Systems  
**Degree Level:** Undergrad  
**Department:**  
**College/School:** School for Professional Studies  
**Date (Month/Year):** June 2021  
**Primary Assessment Contact:** John Buerck

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**Student Learning Outcomes**

What do the program faculty expect all students to know or be able to do as a result of completing this program?

Note: These should be measurable and manageable in number (typically 4-6 are sufficient).

<table>
<thead>
<tr>
<th>#</th>
<th>Student Learning Outcomes</th>
<th>Curriculum Mapping</th>
<th>Assessment Methods</th>
<th>Evaluation Process (How)</th>
</tr>
</thead>
</table>
| 1 | An ability to analyze a problem, and to identify and define the computing requirements appropriate to its solution. (ABET-1) | CIS 1300 – I  
CIS 3250 – D  
CIS 4960 – A | CIS 1300 – Final Project  
CIS 3250 – Final Project  
CIS 4960 – Final Project | The artifacts will be evaluated via a rubric created and applied in Canvas. The rubric will be linked to the program-level student learning outcomes and the rubric scores will be aggregated to determine the extent to which the outcomes were achieved. Program Directors will be reviewing the data found through Canvas Outcomes. |
| 2 | An ability to design, implement, and evaluate a computer-based solution to meet a given set of computing requirements in the context of the discipline. (ABET-2) | CIS 1600 – I  
CIS 3850 – D  
CIS 4100 – D  
CIS 4960 – A | CIS 1600 – Final Programming Project  
CIS 3850 – Application Project  
CIS 4100 – Final Exam  
CIS 4960 – Final Project | The artifacts will be evaluated via a rubric created and applied in Canvas. The rubric will be linked to the program-level student learning outcomes and the rubric scores will be aggregated to determine the extent to which the outcomes were achieved. Program Directors will be |
|   | An ability to communicate effectively with a range of audiences about technical information. (ABET-3) | CIS 1600 – I  
CIS 2300 – D  
CIS 4960 – A | CIS 1600 – Final Programming Project  
CIS 2300 – Final Case Study  
CIS 4960 – Final Project | reviewing the data found through Canvas Outcomes.  
The artifacts will be evaluated via a rubric created and applied in Canvas. The rubric will be linked to the program-level student learning outcomes and the rubric scores will be aggregated to determine the extent to which the outcomes were achieved. Program Directors will be reviewing the data found through Canvas Outcomes. |
|---|---|---|---|
| 4 | An ability to make informed judgments in computing practice based on legal and ethical principles. (ABET-4) | CIS 2700 – I  
CIS 3250 – D  
CIS 4960 – A | CIS 2700 – Discussion thread on algorithms  
CIS 3250 – Final Project  
CIS 4960 – Final Project | The artifacts will be evaluated via a rubric created and applied in Canvas. The rubric will be linked to the program-level student learning outcomes and the rubric scores will be aggregated to determine the extent to which the outcomes were achieved. Program Directors will be reviewing the data found through Canvas Outcomes. |
| 5 | An ability to function effectively on teams to establish goals, plan tasks, meet deadlines, manage risk, and produce deliverables. (ABET-5) | CIS 3000 – I  
CIS 4960 – A | CIS 3150 – Final Case Study  
CIS 3000 – Discussion Boards  
CIS 4960 – Final Project | The artifacts will be evaluated via a rubric created and applied in Canvas. The rubric will be linked to the program-level student learning outcomes and the rubric scores will be aggregated to determine the extent to which the outcomes were achieved. Program Directors will be reviewing the data found through Canvas Outcomes. |

**Use of Assessment Data**

1. How and when will analyzed data be used by program faculty to make changes in pedagogy, curriculum design, and/or assessment practices?

2. How and when will the program faculty evaluate the impact of assessment-informed changes made in previous years?
**Additional Questions**

1. On what schedule/cycle will program faculty assess each of the program’s student learning outcomes? (Please note: It is **not recommended** to try to assess every outcome every year.)

**Program Assessment Schedule**

The following schedule provides an annual timeline for assessing the program’s student learning outcomes. The assessment schedule will be reviewed annually and modified to address emerging evidence needs for assessment of a particular SLO.

<table>
<thead>
<tr>
<th>SLO1</th>
<th>SLO2</th>
<th>SLO3</th>
<th>SLO4</th>
<th>SLO5</th>
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</thead>
<tbody>
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2. Describe how, and the extent to which, program faculty contributed to the development of this plan.