Program-Level Assessment Plan

SAINT LOUIS UNIVERSITY.

Program: Cybersecurity	Degree Level (e.g., UG or GR certificate, UG major, master's program, doctoral program): GR Certificate
Department: SPS Graduate Programs	College/School: Professional Studies
Date (Month/Year): June 2021	Primary Assessment Contact: Kim Dondanville

Note: Each cell in the table below will expand as needed to accommodate your responses.

#	Student Learning Outcomes	Curriculum Mapping	Assessment Methods	
			Artifacts of Student Learning (What)	**Evaluation Process (How)**
	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).	In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level at which student development is expected in each course (e.g., introduced, developed, reinforced, achieved, etc.).	1. What artifacts of student learning will be used to determine if students have achieved this outcome? 2. In which courses will these artifacts be collected?	1. What process will be used to evaluate the artifacts, and by whom? 2. What tools(s) (e.g., a rubric) will be used in the process? Note: Please include any rubrics as part of the submitted plan documents.
1	Graduates will be able to apply cybersecurity-relevant network and data management systems principles to protect various assets.	I: CYBR 5010 D/E: CYBR 5020, CYBR 5030	1. An assessment survey will be completed by each instructor at end of course in which this program learning outcome exists. This survey will inquire about: A) Specific artifact(s) used to demonstrate achievement, B) Strengths/weakness in student performance towards this outcome, C) Number of students who achieved/partially achieved/not achieved the outcome, D) Suggestions on potential changes to the curriculum/pedagogies/artifacts/assessment methods. 2. Exit survey completed by students at end of degree.	Every other year, typically in the spring. The program Director in cooperation with the full-time and adjunct faculty will analyze assessment data and make changes to pedagogy and/or curriculum. Program Directors will follow up on action items from the previous year to determine impact and possible refinements or enhancements moving forward.
2	Graduates will be able to apply	I: CYBR 5010	1. An assessment survey will be completed	Every other year, typically in the spring.

information security principles to analyze, detect and mitigate vulnerabilities and prevent intrusions.	D/E: CYBR 5020, CYBR 5030	by each instructor at end of course in which this program learning outcome exists. This survey will inquire about: A) Specific artifact(s) used to demonstrate achievement, B) Strengths/weakness in student performance towards this outcome, C) Number of students who achieved/partially achieved/not achieved the outcome, D) Suggestions on potential changes to the curriculum/pedagogies/artifacts/assessment methods. 2. Exit survey completed by students at end of degree.	The program Director in cooperation with the full-time and adjunct faculty will analyze assessment data and make changes to pedagogy and/or curriculum. Program Directors will follow up on action items from the previous year to determine impact and possible refinements or enhancements moving forward.

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?

   Annually, usually in the spring. Data will be collected from all instructors of courses that introduce or reinforce learning outcomes (as a way of identifying specific ways to enhance the program curriculum), but overall assessment will be conducted based on the MRPs in the Master's Program.

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

   Every two years, when the same SLOs are assessed, follow up on changes will be made via comparison of instructor data across those 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.)

	SLO1*	SLO2**
Even Academic		

Years		
Odd Academic Years	X	X

* Corresponds to SLO 3 for the MS Cybersecurity program
** Corresponds to SLO 4 for the MS Cybersecurity program

2. Describe how, and the extent to which, program faculty contributed to the development of this plan.

There are not any existing program faculty, except for one. Program faculty will be consulted as they become more involved in the program.

IMPORTANT: Please remember to submit any rubrics or other assessment tools along with this plan.