BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY ANNUAL ASSESSMENT PLAN & FINDINGS 2021-2022 ACADEMIC YEAR

2021 – 2022 CURRICULUM MAP

	PLO 1 Analyze a complex computing problem and to apply principals of computing and other relevant disciplines to identify solutions.	PLO 2 Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	PLO 3 Communicate effectively in a variety of professional contexts.	PLO 4 Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	PLO 5 Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	PLO 6 Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computer-based systems.
MAT 232: Statistical Literacy	I		I			
ECO 203: Principles of Macroeconomics	R		R			
ENG 328: Scientific & Technical Writing	R		R			
TEC 101: Fundamentals of Information Technology & Literacy	R		R			I
CPT 200: Fundamentals of Programming Languages	R	I	R			R
CPT 301: Computer Organization & Architecture	R		R			
CPT 304: Operating Systems Theory & Design	R		R			
CPT 307: Data Structures, Algorithms, & Designs	R	R	R			R
INT 301: Computer Networking	R		R			R
CPT 310: Database Systems & Management	R	R	R			R
CYB 300: System Administration & Security	R		R	I	I	R

CST 301: Software Technology & Design	R	R	R			R
TMG 300: Scrum Basics	R		R	R	R	
INT 302: Programming with C++	R	R	R			R
INT 303: Human Computer Interaction	R			R		R
INT 304: Web Design & Development	R	R	R	R		R
INT 305: Mobile Application Design & Development	R	R	R			R
INT 401: Information Technology Strategy & Management	R		R	R		R
INT 499: Capstone for Information Technology	M	M	M	M	M	M

I (Introduced), **R** (Reinforced), or **M** (Mastered).

ANNUAL ASSESSMENT PLAN FINDINGS					
PLO 1 - Analyze a complex computing problem and to apply principals of computing and other relevant disciplines to identify solutions.					
MEASURE	ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS OBSERVED	ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA
Direct Measure 1: INT 301 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	77	92	83.7%	1. EXCEEDS THE ACCEPTABLE TARGET

Direct Measure 2: INT 302 Week 2 Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	307	315	97.5%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 3: INT 302 Week 4 Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	307	324	94.8%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 4: INT 499 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	415	425	97.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 1: INT 301 End of Course Survey: The quality of my educational experience has met my expectations.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	48	61	78.7%	1. EXCEEDS THE ACCEPTABLE TARGET

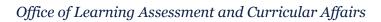| Indirect Measure 2: INT 301 End of Course Survey: I would recommend this course to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	49	61	80.3%	1. EXCEEDS THE ACCEPTABLE TARGET
PLO 2 - Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.					
MEASURE	**ACCEPTABLE TARGET**	**TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET**	**TOTAL NUMBER OF STUDENT RECORDS OBSERVED**	**ASSESSMENT RESULTS:** **PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET**	**ASSESSMENT RESULTS:** **1. EXCEEDS THE ACCEPTABLE TARGET** **2. MEETS THE ACCEPTABLE TARGET** **3. DOES NOT MEET THE ACCEPTABLE TARGET** **4. INSUFFICIENT DATA**

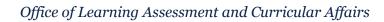|					
Direct Measure 1: INT 302 Week 2 Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	440	468	94.0%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 2: INT 302 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	307	315	97.5%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 3: INT 304 Week 2 Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	87	96	90.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 4: INT 499 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	707	765	92.4%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 1: INT 302 End of Course Survey: The quality of my educational	70% or more of students who complete and return the End of Course Survey express	18	28	64.3%	3. DOES NOT MEET THE ACCEPTABLE TARGET

experience has met my expectations.	satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.				
Indirect Measure 2: INT 302 End of Course Survey: I would recommend this course to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	17	28	60.7%	3. DOES NOT MEET THE ACCEPTABLE TARGET

PLO 3 - Communicate effectively in a variety of professional contexts.

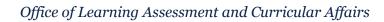| MEASURE	ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS OBSERVED	ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA

Direct Measure 1: TMG 300 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	205	231	88.7%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 2: INT 499 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	583	595	98.0%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 1: TMG 300 End of Course Survey: I would recommend this course to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	43	53	81.1%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 2: TMG 300 End of Course Survey: I would recommend this instructor to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	46	53	86.8%	1. EXCEEDS THE ACCEPTABLE TARGET

PLO 4 - Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.					
MEASURE	**ACCEPTABLE TARGET**	**TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET**	**TOTAL NUMBER OF STUDENT RECORDS OBSERVED**	**ASSESSMENT RESULTS:** **PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET**	**1. EXCEEDS THE ACCEPTABLE TARGET** **2. MEETS THE ACCEPTABLE TARGET** **3. DOES NOT MEET THE ACCEPTABLE TARGET** **4. INSUFFICIENT DATA**
Direct Measure 1: INT 304 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	73	93	78.5%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 2: INT 305 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	N/A	N/A	N/A	4. INSUFFICIENT DATA

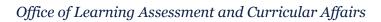|					
Direct Measure 3: INT 499 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	246	255	96.5%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 1: INT 305 End of Course Survey: I would recommend this course to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	23	26	88.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 2: INT 305 End of Course Survey: The quality of my educational experience has met my expectations.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	23	26	88.6%	1. EXCEEDS THE ACCEPTABLE TARGET
PLO 5 - Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.					
MEASURE	**ACCEPTABLE TARGET**	**TOTAL NUMBER OF STUDENT**	**TOTAL NUMBER OF**	**ASSESSMENT RESULTS:**	**ASSESSMENT RESULTS:**

		RECORDS MEETING ACCEPTABLE TARGET	STUDENT RECORDS OBSERVED	PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA
Direct Measure 1: TMG 300 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	205	231	88.7%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 2: INT 499 Week 4 Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	246	255	96.5%	1. EXCEEDS THE ACCEPTABLE TARGET

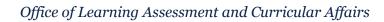|					
Direct Measure 3: INT 499 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	308	340	90.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 1: INT 499 End of Course Survey: I would recommend this course to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	28	29	96.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 2: TMG 300 End of Course Survey: The quality of my educational experience has met my expectations.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	46	53	86.8%	1. EXCEEDS THE ACCEPTABLE TARGET
PLO 6 - Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computer-based systems.					

MEASURE	ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS OBSERVED	ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA
Direct Measure 1: INT 301 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	416	460	90.4%	1. EXCEEDS THE ACCEPTABLE TARGET
Direct Measure 2: INT 303 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	790	928	85.1%	1. EXCEEDS THE ACCEPTABLE TARGET

Direct Measure 3: INT 499 Final Assignment	70% of BS Information Technology student records must receive a proficient or distinguished evaluation on relevant rubric content criteria mapped to this PLO.	308	340	90.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 1: INT 301 End of Course Survey: I would recommend this instructor to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	48	61	78.7%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 2: INT 499 End of Course Survey: I would recommend this instructor to another student.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	28	29	96.6%	1. EXCEEDS THE ACCEPTABLE TARGET
Indirect Measure 3: INT 303 End of Course	70% or more of students who complete and return the End of Course Survey express	24	26	92.3%	1. EXCEEDS THE ACCEPTABLE TARGET

Survey: The quality of my educational experience has met my expectations.	satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.				
Indirect Measure 4: INT 499 End of Course Survey: The quality of my educational experience has met my expectations.	70% or more of students who complete and return the End of Course Survey express satisfaction by indicating "Agree" or "Strongly Agree" on selected survey items.	28	29	96.6%	1. EXCEEDS THE ACCEPTABLE TARGET

OVERALL RECOMMENDATIONS

Overall, it is recommended to review the assessment plan (including measures used, alignment mapping, and targets set) and curriculum map in preparation for the 2022-2023 assessment cycle. This will determine the appropriateness of the assignments and mapping for each PLO. In addition, consider reviewing INT 305 as the acceptable target for PLO 4 had insufficient data. Also, the indirect measures for PLO 2 did not meet the acceptable target.

ANNUAL ASSESSMENT PLAN ACTION ITEM STATUS REPORT				
OUTCOME	**MEASURE**	**KEY/RESPONSIBLE PERSONNEL**	**STATUS**	**ANTICIPATED DATE OF COMPLETION**
PLO 1	*INT 499 Final Assignment*	*Program Lead, Core Faculty, Associate Faculty, Assessment*	*Not started*	*9 months*
Action Details	*Work with Assessment to conduct rubric norming to ensure faculty are accurately grading and assessing the final paper.*			
PLO 2	*INT 304 Final Assignment*	*Program Lead, Core Faculty, Associate Faculty, Assessment*	*Not started*	*9 months*
Action Details	*Work with Assessment to conduct rubric norming to ensure faculty are accurately grading and assessing the final paper.*			
PLO 3	*TMG 300 Final Assignment*	*Program Lead, Core Faculty, Associate Faculty, Assessment*	*Not started*	*9 months*
Action Details	*Work with Assessment to conduct rubric norming to ensure faculty are accurately grading and assessing the final paper.*			
PLO 6	*INT 303 Final Assignment*	*Program Lead, Core Faculty, Associate Faculty, Assessment*	*Not started*	*9 months*
Action Details	*Work with Assessment to conduct rubric norming to ensure faculty are accurately grading and assessing the final paper.*			

1) **Action Item One**

   a. What is the proposed action? *Ensure faculty are accurately grading and assessing the final assignment.*

   b. What learning outcome is the action tied to? *PLO 1*

   c. What is the measure associated with this action? *INT 499 Final Assignment*

   d. Who should be involved in implementing the proposed action? *Amr Elchouemi, Joseph Issa, Austine Ohwobete, Amine Dehmani, Tracey Lanham, Amjad Alkilani*

   e. What is the status of the proposed action? *Not Started*

   f. What is the estimated timeframe for completion of this action? *9 months*

2) Action Item Two

a. What is the proposed action? *Ensure faculty are accurately grading and assessing the final assignment.*

b. What learning outcome is the action tied to? *PLO 2*

c. What is the measure associated with this action? *INT 304 Final Assignment*

d. Who should be involved in implementing the proposed action? *Amr Elchouemi, Joshua Reichard, Joseph Issa, Amine Dehmani, Nelson Stewart, Amjad Alkilani*

e. What is the status of the proposed action? *Not Started*

f. What is the estimated timeframe for completion of this action? *9 months*

3) Action Item Three

a. What is the proposed action? *Ensure faculty are accurately grading and assessing the final assignment.*

b. What learning outcome is the action tied to? *PLO 3*

c. What is the measure associated with this action? *TMG 300 Final Assignment*

d. Who should be involved in implementing the proposed action? *Amr Elchouemi, Patsy Reece, Charmelia Butler, Neeraj Parikh, Amjad Alkilani*

e. What is the status of the proposed action? *Not Started*

f. What is the estimated timeframe for completion of this action? *9 months*

4) Action Item Four

a. What is the proposed action? *Ensure faculty are accurately grading and assessing the final assignment.*

b. What learning outcome is the action tied to? *PLO 6*

c.   What is the measure associated with this action? *INT 303 Final Assignment*

d.   Who should be involved in implementing the proposed action? *Amr Elchouemi, Nelson Stewart, Brian Myers, Neeraj Parikh, Amine Dehmani,*

Amjad Alkilani

e.   What is the status of the proposed action? *Not Started*

f.   What is the estimated timeframe for completion of this action? *9 months*