Date: 11/13/2023	Program Name: Computer Science, B.S	CIP Code: 11.0701				Department: Comp. Sci.
Domain	**Program-Level Student Learning Outcome (From ALC or ALP)**	**Year 1** 2024-2025	**Year 2** 2025-2026	**Year 3** 2026-2027	**Year 4** 2027-2028	**Year 5** 2028-2029
Critical Thinking	Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.	**Data Collection:** Gather baseline data in courses that introduce software testing methodiologies.	**Improvement Plan:** Develop an improvement plan based upon student performance assessed in assignments or exams.	**Plan Implementation:** Address weaknesses identified in student performance in the curriculum.		
Content	Apply computer science theory and software development fundamentals to produce computing-based solutions.		**Data Collection**: Gather baseline data from advanced development courses**.**	**Improvement Plan:** Develop an improvement plan based upon student performance assessed in assignments or exams.	**Plan Implementation:** Address weaknesses identified in student performance in the curriculum.	
Content	Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.		**Data Collection**: Gather baseline data from advanced development courses**.**	**Improvement Plan:** Develop an improvement plan based upon student performance assessed in assignments or exams.	**Plan Implementation:** Address weaknesses identified in student performance in the curriculum.	
Communication	Communicate effectively in a variety of professional contexts.			**Data Collection**: Gather baseline data from Capstone courses**.**	**Improvement Plan:** Develop an improvement plan based upon student performance assessed in assignments or exams.	**Plan Implementation:** Address weaknesses identified in student performance in the curriculum.
Integrity / Values	Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	**Plan Implementation:** Address weaknesses identified in student performance in the curriculum.			**Data Collection**: Gather baseline data from Capstone courses.	**Improvement Plan:** Develop an improvement plan based upon student performance assessed in assignments or exams.
Project Management	Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	**Improvement Plan:** Develop an improvement plan based upon student performance assessed in reports.	**Plan Implementation:** Address weaknesses identified in student performance in the curriculum.			**Data Collection**: Gather baseline data from Capstone courses**.**

Assessment Activity (Examples)
Gather baseline data
(Revise rubric; gather data)
Implement actions for improvement
Follow-up assessment (impact data)

Methods of Assessment

Direct Measures:	**Indirect Measures:**	**External Direct Measures:**
Exam questions	Focus group	Supervisor/Employer feedback
Student paper (rubric)	Exit interview	External professional exam
Presentation (rubric)	Alumni survey	