

## Academic Learning Compact

***Degree Program: Computer Science (BS) (CIP Code 11.0101)***

Intended Program Student Learning Outcomes	Direct and Indirect Measures	
	Direct Method of Assessment	Indirect Method of Assessment
<b>Outcome 3: [Communication Skills]</b> Communicate effectively in a variety of professional contexts.	<b><u>Direct Measure(s)</u></b> <ul style="list-style-type: none"> <li>• Exam (Item Analysis)</li> <li>• Grading with criteria or rubric</li> </ul>	<b><u>Indirect Measure(s)</u></b> N/A
<b>Outcome 1: [Critical Thinking Skills]</b> Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	<b><u>Direct Measure(s)</u></b> Course-embedded assessment	<b><u>Indirect Measure(s)</u></b> N/A
<b>Outcome 6: [Critical Thinking Skills]</b> Apply computer science theory and software development fundamentals to produce computing-based solutions.	<b><u>Direct Measure(s)</u></b> Grading with criteria or rubric	<b><u>Indirect Measure(s)</u></b> N/A
<b>Outcome 2: [Content/Discipline Knowledge and Skills]</b> Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program’s discipline.	<b><u>Direct Measure(s)</u></b> Grading with criteria or rubric	<b><u>Indirect Measure(s)</u></b> N/A
<b>Outcome 4: [Content/Discipline Knowledge and Skills]</b> Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	<b><u>Direct Measure(s)</u></b> Course-embedded assessment	<b><u>Indirect Measure(s)</u></b> N/A
<b>Outcome 5: [Content/Discipline Knowledge and Skills]</b> Function effectively as a member or leader of a team engaged in activities appropriate to the program’s discipline.	<b><u>Direct Measure(s)</u></b> <ul style="list-style-type: none"> <li>• Exam (Item Analysis)</li> <li>• Instructor Observation</li> </ul>	<b><u>Indirect Measure(s)</u></b> N/A