



Academic Learning Compact

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

Intended Program Student Learning Outcomes	Academic Learning Compact(s)	Direct and Indirect Measures	
		Direct Method of Assessment	Indirect Method of Assessment
1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. COP 3014C - FUNDAMENTALS OF PROGRAMMING COP 3060 - CONCEPT ADV APPL DEV	Discipline Specific Knowledge	Direct - Course Embedded Assessment Direct - Other	
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the	Discipline Specific Knowledge	Direct - Course Embedded Assessment	

<p>context of the program's discipline.</p> <p>CNT 4504 - DATA COMMUNICATION AND ORGANIZATIONAL NETWORK</p> <p>COP 3330 - INTRODUCTION TO OBJECT ORIENTED PROGRAMMING(Imported)</p>		<p>Direct - Grading with Criteria or Rubric</p>	
<p>3. Communicate effectively in a variety of professional contexts.</p> <p>CIS 4250 - COMPUTER ETHICS AND PROFESSIONAL RESPONSIBILITY</p> <p>(CIS 4301 - INFORMATION SYSTEMS DESIGN AND DEVELOPMENT)</p> <p>CIS 4910 - INFORMATION SYSTEMS DEVELOPMENT PROJECT</p>	<p>Communication</p>	<p>Direct - Course Embedded Assessment</p> <p>Direct - Grading with Criteria or Rubric</p>	
<p>4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.</p> <p>CIS 4250 - COMPUTER ETHICS AND PROFESSIONAL RESPONSIBILITY(Imported)</p>	<p>Critical Thinking</p>	<p>Direct - Case Studies</p> <p>Direct - Comprehensive Exam</p>	
<p>5. Function effectively as a member or leader of a team</p>	<p>Critical Thinking</p>	<p>Direct - Course Embedded Assessment</p>	

<p>engaged in activities appropriate to the program's discipline.</p> <p>(CIS 4301 - INFO SYS DESIGN DEVE) CIS 4910 - INFORMATION SYSTEMS DEVELOPMENT PROJECT CNT 4504 - DATA COMMUNICATION AND ORGANIZATIONAL NETWORK(Imported)</p>		<p>Direct - Grading with Criteria or Rubric Direct - Other</p>	
<p>6-CS. Apply computer science theory and software development fundamentals to produce computing-based solutions</p> <p>CDA 3101C - COMP ORGANIZATION I COP 3610 - OPERATING SYSTEMS</p>	<p>Critical Thinking, Discipline Specific Knowledge</p>	<p>Direct - Course Embedded Assessment Direct - Exam (Item Analysis)</p>	