COMPUTER SCIENCE Program Outcomes
Crosswalk and 7-Year Assessment Plan

IO1   **Communication**: Students will be able to communicate clearly and effectively within a workplace context

IO2   **Quantitative Reasoning**: Analyze and solve computational problems using a modern program language

IO3   **Human Relations/Workplace Skills**: Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills

PO4   Demonstrate the ability to build, upgrade, and repair computer hardware

PO5   Configure, troubleshoot, and administer computer networks and networking hardware

PO6   Deploy and manage server hardware and software to support organizational operations and goals

PO7   Identify basic components of databases, virtualization, security, and project management

NCBT: Not currently being taught

CS	7-YR ASSESSMENT CROSSWALK & PLAN							
Course #	Course	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	ASSESSMENT CYCLE YEAR	YR 5	YR 6	YR 7	YR 1	YR 2	YR 3	YR 4
	CAMPUS PLAN	IO3	IO3		IO1	IO1	IO2	IO2
CS 104	INTRO TO COMP HARDWARE		PO 4					
CS 105	INTRO TO COMP OPERATING SYSTEMS		PO 4					PO 7
CS 106	INTRO TO VIRTUALIZATION			PO 5		PO 6		PO 7
CS 110	NETWORKING FUNDAMENTALS			PO 5				PO 7
CS 111	INTRO TO PROGRAMMING						IO2	
CS 115	INTRO TO DB DESIGN/MGMT							PO 7
CS 131	COMP SCI I C++						IO2	
CS 132	ADVANCED PROGRAMMING C++				IO1		IO2	
CS 141	COMP SCI I JAVA				IO1		IO2	
CS 142	ADVANCED PROGRAMMING JAVA				IO1		IO2	
CS 156	CISCO INTRO TO NETWORKS			PO 5		PO 6		PO 7
CS 157	CISCO ROUTING/SWITCHING			PO 5		PO 6		PO 7
CS 158	CISCO SCALING NETWORKS			PO 5		PO 6		PO 7
CS 159	CISCO CONNECTING NETWORKS			PO 5		PO 6		PO 7
CS 205	WINDOWS SERVER ADMIN		PO 4	PO 5		PO 6		PO 7
CS 206	LINUX SERVER ADMIN		PO 4	PO 5		PO 6		PO 7
CS 207	INTRO TO SECURITY ADMIN			PO 5				PO 7
CS 235	DATA STRUCTURES ALGORITHMS				IO1		IO2	
CS 289	PROJECT MGMT FOR COMP SCI	IO3						PO 7
WKED 101	PROF PREP I				IO1			
WKED 102	PROF PREP II	IO3			IO1			
WKED 103	PROF PREP III				IO1			
CS 101	INTRO TO CS	NCBT						
CS 260	COMP PROGRAMMING TOPICS	NCBT						
CS 195/7	WORK-BASED LEARNING	NCBT						
CS 295/7	WORK-BASED LEARNING	NCBT						