CCSU Computer Science Department Planned Course Offerings rev. 3/24/26

Course	Title	2025/2026			2026/2027			2027/2028		
		Fall	Spr	Sum	Fall	Spr	Sum	Fall	Spr	Sum
CS 140	Survey of CS		X			X			X	
CS 151	CS I	XXXX	XXXX	Z	XXXX	XXXX	Z	XXXX	XXXX	Z
CS 152	CS II	XXX	XXXX	Z	XXX	XXXX	Z	XXX	XXXX	Z
CS 253	Data Structures	XXX	XXXX	Z	XXX	XXXX	Z	XXX	XXXX	Z
CS 254	Assembler	XX	XXX		XXX	XXX		XXX	XXX	
CS 291	Computer Forensics	XX	X		XX	X		XX	X	
CS 354	Digital Systems Design	XX	XX		XX	XX		XX	XX	
CS 355	Systems Programming	XX	XX	Z	XX	XX	Z	XX	XX	Z
CS 385	Computer Architecture	X	XX		X	XX		X	XX	
CS 460	Database Concepts	X	X		X	X		X	X	
CS 463	Algorithms	X	X		X	X		X	X	
CS 464	Programming Languages	X	X		X	X		X	X	
CS 481	Operating Systems Design		X			X			X	
CS 483	Theory of Computation	X	X		X	X		X	X	
CS 492	Computer Security	XX	XX		XX	XX		XX	XX	
CS 493	Secure Software Systems	X	X		X	X		X	X	
CS 494	Cryptographic Systems	X	X		X	X		X	X	
CS 410	Software Engineering	X	X		X	X		X	X	
CS 498	Senior Project	X	X		X	X		X	X	
CS 290	Topics in CS									
CS 407	Advanced Topics in CS	Z	Z		Z	Z		Z	Z	
CS 409	Advanced Topics in CYS									
CS 415	Game Development			Z			Z			Z
CS 416	Web Programming	XX			XX			XX		
CS 417	Design Patterns	X			X			X		
CS 418	Software Testing and Quality Assurance		X			X			X	
CS 419	Usable Security and Privacy	X			X			X		
CS 423	Computer Graphics									
CS 425	Image Processing									
CS 430	Big Data Programming	X			X			X		
CS 445	Machine Learning			Z			Z			Z
CS 446	Intro ML for Cybersecurity	X			X			X		
CS 462	Artificial Intelligence		X			X			X	
CS 465	Compiler Design									
CS 473	Simulation Techniques									
CS 474	Semantic Web	X			X			X		
CS 475	Linked Data Engineering		X			X			X	
CS 490	Computer Networks									
CS 495	Social, Ethical, and Economic Issues									
CS 496	Software Reverse Engineering		X			X			X	
CS 300	Work Experience									
CS 398	Independent Study									
CS 499	Seminar in CS									
CS 500	Computer Science for CIT	X	X		X	X		X	X	
CS 501	Foundations of CS			Z			Z			Z
CS 502	Computing & Comm Technologies	X	X		X	X		X	X	
CS 505	Design Patterns	X			X			X		
CS 506	Software Testing and Quality Assurance		X			X			X	
CS 508	Distributed Computing		X			X			X	
CS 510	Foundations of Software Engineering									
CS 525	Advanced Algorithms									
CS 530	Advanced Software Engineering	X			X			X		
CS 550	Topics in HCI	X			X			X		
CS 560	Topic in Software Engineering	X	Z	Z	X	Z	Z	X	Z	Z
CS 565	Bioinformatics									
CS 570	Topics in Artificial Intelligence		X			X			X	
CS 575	Linked Data Engineering		X			X			X	
CS 580	Topics in Databases	X		Z	X		Z	X		Z
CS 590	Topics in HPC									
CS 594	Graduate Research Seminar									

X = to be offered   XX = two+ sections to be offered