

Computer Science for Ventura College 2026-2027

C-ID (if applicable)	Ventura College Computer Science Courses	OC Comparable Course	MC Comparable Course
ITIS 120	CS V09 Principles of Computing (4 units)	No comparable course	No comparable course
COMP 122	CS V11 Programming Fundamentals (3 units)	CS R131 (3 units)	CS M125 (3 units)
COMP 132	CS V13 Object-Oriented Programming (3 units)	CS R132 (3 units)	CS M135 (3 units)
	CS V15 Data Structures and Algorithms (3 units)	No comparable course	No comparable course
COMP 152	CS V17 Discrete Structures (3 units) OR MATH V52 Discrete Structures (3 units)	CS R152 (3 units)	CS M155 (3 units) OR MATH M21 (3 units)
MATH 160	CS V17 Discrete Structures (3 units) OR MATH V52 Discrete Structures (3 units)	MATH R130 (3 units)	MATH M21 (3 units)
COMP 142	CS V19 Computer Architecture and Organization (3 units)	CS R142 (3 units)	CS M145 (3 units)
	CS V25 Python Programming for Data Science (3 units)	No comparable course	No comparable course
	CS V26 Data Science Fundamentals (3 units)	No comparable course	No comparable course
	CS V29 Artificial Intelligence and Machine Learning Fundamentals (3 units)	No comparable course	No comparable course
	CS V30 Beginning C++ (3 units)	No comparable course	No comparable course
	CS V40 Beginning Java (3 units)	No comparable course	CS M10J (4 units)
ITIS 110	CS V41 IT Fundamentals (4 units)	CNIT R142 (3 units)	CNSE M06 (3 units)
	CS V42 Intermediate Java (3 units)	No comparable course	No comparable course
ITIS 135	CS V45 Linux Fundamentals (4 units)	CNIT R143 (3 units)	No comparable course
ITIS 170	CS V51 Cloud Computing and Virtualization Fundamentals (3 units)	CNIT R151 (3 units)	CNSE M105 (3 units)
ITIS 171	CS V52 Cloud Security Fundamentals (3 units)	No comparable course	CNSE M170 (3 units)
ITIS 150	CS V61 Cisco CCNA Networking I (4 units)	CNIT R120 (4 units)	CNSE M01 (4 units)
ITIS 151	CS V62 Cisco CCNA Networking II (4 units)	CNIT R121 (4 units)	CNSE M18 (4 units)
ITIS 152	CS V63 Cisco CCNA Networking III (4 units)	No comparable course	CNSE M19 (3 units)
ITIS 155*	CS V72 Microsoft Windows Server Fundamentals (3 units)	No comparable course	CNSE M31 (3 units)

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ITIS 136*	CS V75 Python Programming for Cyber Security (3 units)	No comparable course	No comparable course
ITIS 160*	CS V76 Computer Security Fundamentals (3 units)	No comparable course	CNSE M82 (3 units)
ITIS 164*	CS V77 Ethical Hacking Fundamentals (3 units)	No comparable course	CNSE M83 (3 units)
ITIS 165*	CS V78 Digital Forensics Fundamentals (3 units)	No comparable course	No comparable course
	CS V90 Directed Studies in Computer Science (1–6 units)	No comparable course	No comparable course
	CS V96 Work Experience Education in Computer Science (1-14 units)	No comparable course	No comparable course

*pending C-ID approval