

ACC / NVCC IT Web and CS Pathways

Web Design and Development Career Studies Certificate*

Semester 1		Semester 2	
Year 1			
NVCC	ITD 110: Web Page Design I	ITE 115: Computer Apps & Concepts	ITD 210: Web Page Design II
VERSO	6630 Design, Multimedia, and Web Technologies	6612 Computer Information Systems	6630 Design, Multimedia, and Web Technologies
APS POS	Design, Multimedia, & Web Technologies (96646W)	Introduction to Information Technology (96116W)	Design, Multimedia, & Web Technologies (96646W)
Year 2			
NVCC	ITN 100: Intro to Telecommunications	ITP 100: Software Design	ITE 170: Multimedia Software
VERSO	6631 Design, Multimedia, and Web Technologies, Advanced	6640 Programming	6631 Design, Multimedia, and Web Technologies, Advanced
APS POS	Computer Information Systems (96614W)	Computer Programming (96638W)	Computer Information Systems (96614)
Year 3			
NVCC	ITN 170: Linux System Administration	ITD 256: Advanced Database Management	ITN 270: Adv. Linux Network Admin
VERSO	6650 Computer Network Software Operations	6660 Database Design and Management	6650 Computer Network Software Operations
APS POS	Systems Administration (96655W)** (Red Hat RHCSA)	Database Design & Management (96660W)	Systems Administration (96655W)** (Red Hat RHCSA)

Computer Science A.S.

Semester 1		Semester 2	
Year 1			
NVCC	ITP 100: Software Design	CSC 200: Introduction to Computer Science	
VERSO	6640 Programming		
APS POS	Computer Programming, Intensified*** (New APS course)		
Year 2			
NVCC	CSC 201: Computer Science I	CSC 202: Computer Science II	
VERSO	6641 Programming, Advanced		
APS POS	Computer Programming Advanced (96643W)		
Year 3			
NVCC	CSC 205: Computer Organization	CSC 295: (TBD)	
VERSO	6641 Programming, Advanced		
APS POS	Advanced Topics in Information Technology (96648W)		

* Note: Year 2 completes the certificate, with year 3 including additional courses that will bring students closer to an Information Systems Technology A.A.S. degree

** Listed in APS POS as Cybersecurity I: Systems Administration

*** This course is designed for the capable and motivated student seeking a rigorous and comprehensive dual-enrolled computer science experience. Course content includes program design and problem solving, control structures, functions, parameter passing, data structures, arrays, and file processing. Emphasis is on program design. Concurrent enrollment in Pre-calculus required.