



Southwest Career Technical Academy

Pathway: Computer Science

9th Grade		10th Grade		11th Grade		12th Grade	
English I/ H		English II/ H		English III/ American Lit./ H AP English Language & Comp.		English IV/ Composition H AP English Lit & Comp.	
Algebra I/ H Geometry H		Geometry I/ H Algebra II/ H		Algebra II/ H Pre Calc/ Trigonometry		Pre Calc/ Trig H/ AP Calculus/ Dual College Credit Option	
Principles of Science Biology I H		Biology I/ H Chemistry IH		Chemistry/ H Physics/ H Genetics H/ Anatomy & Physiology		Elective	
Tools for Success- 3310 Freshman Studies- 8626		World History/ H		US History/ H/ AP		US Government/ H/ AP	
PE I		PE II or PE II Waiver/ Elective		Elective		Website Science III- 8603	
Art/ Arts and Humanities		Health/ Drivers Ed		Website Science- 7970 Computer Science-8400		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> </div>	
Elective		Intro to Information Technology- 6280 Intro to Website Science- 6190		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> </div>			
Pre Requisites				Career Technical Fees			
Algebra I / Teacher Approval				\$85 Website Science & Computer Science / \$70 Website Science III/ (Includes FBLA)			
Certifications		Articulated Courses		Post Secondary Options			
CCSD Occupational Certificate of Competency		CIT 151 Website Science – 3 IS 115 Computer Science – 3		CSN	UNR	ITT	
				NSC	UNLV	Art Institute	
Career Pathways Available							
→Computer Programmer		→Database Administrator		→Website Designer			

*Following the Academic course sequencing fulfills the requirement for Millennium Scholarship & 21st Century Course of Study provided student maintains the required GPA and passes all proficiency exams.

*Students who are program completers and have earned an overall 2.0 GPA or higher in their career technical major will earn a CCSD Certificate of Competency.

*Fees subject to change without notice.

*Administration reserves the right to change course offerings based on staffing and enrollment.