



Carson High School Web Design and Development Program of Study



Major Career Options

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|---|--|---|--|
| <ul style="list-style-type: none"> Web Administrator Web Designer Web Programmer | <ul style="list-style-type: none"> Web Development Web Webmaster Web Maintenance Specialist | <ul style="list-style-type: none"> Digital Media Specialist Web Graphic Designer Web Marketing Administrator | <ul style="list-style-type: none"> E-Business Specialist Information Systems Business Owner |
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CTE Diploma Course Requirements: To qualify for this certificate, the student must (1) earn a 3.0 GPA or higher in the career and technical education (CTE) course sequence; (2) pass the state CTE assessment for Web Design and Development; and (3) pass the state CTE assessment for the Employability Skills for Career Readiness.

Yellow: General Graduation Requirements

Blue/bold: Recommended Web Design Pathway

Green/italics: Recommended Electives

Career Cluster: Information and Media Technology		Career Pathway: Web & Digital Communications	
9 th Grade	10 th Grade	11 th Grade	12 th Grade
<i>Semester 1&2</i>	<i>Semester 1&2</i>	<i>Semester 1&2</i>	<i>Semester 1&2</i>
English I or Honors English I	English II or Honors English II	Junior Level English with Honors and Advanced Placement classes available	Senior Level English with Honors and Advanced Placement classes available
Discovery Science	Biology or Honors Biology	Junior Level Science with Honors and Advanced Placement classes available	Elective
Algebra I or Honors Geometry	Geometry or Honors Algebra II	Algebra II or Honors Trigonometry/Pre-Calculus	Trigonometry/Pre-Calculus or Advanced Placement Calculus
Freshmen Transitions and Health	World History or Honors World History	U.S. History/Honors and Advanced Placement U.S. History	Government/Honors and Advanced Placement Government
Physical Education or NJROTC	Physical Education or NJROTC	Elective or Foreign Language	Elective or Foreign Language
<i>Graphic Design I or Elective</i>	<i>Graphic Design II or Elective</i>	<i>Elective</i>	<i>Elective</i>
Web Design and Development I	Web Design and Development II	Web Design and Development III	Web Design and Development A.S.
Work-Based Learning Opportunities	College Credit/Tech Prep	Career-Technical Student Organizations (CTSOs) and Clubs	CTE Assessments
<ul style="list-style-type: none"> Career Awareness Cooperative Education Job Shadowing Field Trips Service Learning Guest Speakers 	<ul style="list-style-type: none"> GRC-175 (WNC 3 credits) GRC-275 (WNC 3 credits) 	<ul style="list-style-type: none"> SkillsUSA FBLA 	<ul style="list-style-type: none"> State End of Program Technical Assessment for Web Design State Employability Skills for Career Readiness Assessment

Post-Secondary Options			
Two-Year College or Proprietary Program	Apprenticeships	Four-Year College and University Programs	Certifications, Licenses, etc.
<p>Western Nevada College (AAS)</p> <ul style="list-style-type: none"> • Computer Technology • Computer and Office Technology • Graphics Communications • Information Technology <p>Western Nevada College – Certificate of Achievement</p> <ul style="list-style-type: none"> • Computer Applications • Desktop Publishing • Graphics Communications <p>Truckee Meadows Community College (AAS)</p> <ul style="list-style-type: none"> • Computer Info. Tech., Web Development • Computer Info. Tech., Computer Programming • Computer Science <p>Truckee Meadows Community College – Certificate of Achievement</p> <ul style="list-style-type: none"> • Computer Technologies 		<p>University of Reno</p> <ul style="list-style-type: none"> • Computer Science • Computer Science and Engineering <p>University of Las Vegas</p> <ul style="list-style-type: none"> • Computer Science <p>The Art Institutes of Las Vegas/Sacramento/San Francisco</p> <ul style="list-style-type: none"> • Web Design and Interaction Media • Graphic Design • Visual Effects & Motion Graphics • Media Art & Design 	<ul style="list-style-type: none"> • Adobe Certified Associate/Expert • SkillsUSA Point Certification

This Program of Study is based upon the requirements needed for a CTE Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

CTE Assessments will be administered during the completion of Web Design and Development III course.

For extensive career information visit <http://www.nvcis.intocareers.org/>

Carson High School is an equal opportunity/affirmative action agency and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity or expression, age, disability, or national origin.