WEB DESIGN AND DEVELOPMENT
- Program of Study -

Career Cluster: Information Technology    Career Pathway: Web and Digital Communications

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

<table>
<thead>
<tr>
<th>Grade</th>
<th>1st Course</th>
<th>2nd Course</th>
<th>3rd Course</th>
<th>4th Course</th>
<th>5th Course</th>
<th>6th Course (CTE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th Grade</td>
<td>English I</td>
<td>Algebra I</td>
<td>Biology</td>
<td>Health / Computer Literacy</td>
<td>Physical Education</td>
<td>Web Design and Development I</td>
</tr>
<tr>
<td>10th Grade</td>
<td>English II</td>
<td>Geometry</td>
<td>Chemistry or Geoscience</td>
<td>World History</td>
<td>Physical Education</td>
<td>Web Design and Development II</td>
</tr>
<tr>
<td>11th Grade</td>
<td>English III</td>
<td>Algebra II</td>
<td>Science Course or Elective¹</td>
<td>US History</td>
<td>Foreign Language² or Elective¹</td>
<td>Web Design and Development III³</td>
</tr>
<tr>
<td>12th Grade</td>
<td>English IV</td>
<td>Senior Level Math Course</td>
<td>Elective¹</td>
<td>US Government</td>
<td>Foreign Language² or Elective¹</td>
<td>Web Design and Development Advanced Studies</td>
</tr>
</tbody>
</table>

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.
² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)
³ CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations
FBLA / SkillsUSA

Work-Based Learning
Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers

CTE Assessments
1) End of Program Technical Assessment for Web Design and Development
2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College

Secondary Program Requirements
Student must earn the state Certificate of Skill Attainment in Web Design and Development.

Postsecondary Credit Options
| College of Southern Nevada | 3 Credits | Truckee Meadows Community College | 6 Credits |
| Great Basin College | 12 Credits | Western Nevada College | 3 Credits |

High Wage - High Skill - High Demand Careers
Web Developer / Search Engine Marketing Specialist / Site Developer / Streaming Media Specialist / Web Administrator / Webmaster

State Recognized Industry Certifications
Refer to the Governor’s Office of Workforce Innovation’s Nevada Eligible Industry Credentialing List

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