

School: **Grossmont High School**

Academy/Pathway: **ICT / Web Design**



## Grossmont Union High School District

L e v e l	G r a d e	English Language Arts	Math	Social Studies	Science	Career Technical Education	Other Required Courses or Recommended Electives	Additional Pathway Information
<b>S e c o n d a r y</b>	<b>9</b>	English 1, 2	Integrated Math I	Geography	Science Y1		P.E. Y1 WorldLanguage 1, 2 Visual and Performing Arts Y1	<b>Occupations Requiring Less Than a Baccalaureate Degree</b> <ul style="list-style-type: none"> <li>• Computer Support Specialist</li> <li>• Communications Technician</li> <li>• Network Systems &amp; Data Communication Analysts</li> <li>• Software Developer</li> <li>• Software Technician Technical Support Representative</li> </ul> <b>Recognized Certifications, Licenses, or Credentials Related to This Pathway:</b> <ul style="list-style-type: none"> <li>• <a href="#">Adobe Certified Expert (Ace)</a></li> <li>• <a href="#">Amazon Web Services (Aws Certified Developer)</a></li> <li>• <a href="#">The Microsoft Mta Certification</a></li> </ul> <b>Grossmont Community College Program Offerings:</b> <ul style="list-style-type: none"> <li>• Associates in Science (Gen Ed. required) in Computer Science Information Systems with an emphasis in:               <ul style="list-style-type: none"> <li>◦ <a href="#">Computer Programming</a> (28-30 Units)</li> <li>◦ <a href="#">Web Design (18-20 Units)</a> (See Left)</li> <li>◦ <a href="#">Cybersecurity &amp; Networking</a> (25-26 Units)</li> </ul> </li> <li>• Certificate of Achievement in Computer Science Information Systems (no Gen. Ed. required)</li> <li>• Certificate of Proficiency (12 Units)               <ul style="list-style-type: none"> <li>◦ Information Technology Technician</li> </ul> </li> </ul>
	<b>10</b>	English 3, 4	Integrated Math II	World History	Science Y2	Web Design 1, 2 T845 / T846 UC-g, AR**	P.E. Y2 WorldLanguage 1, 2 World Language 3, 4 Visual and Performing Arts Y1	
	<b>11</b>	English 5, 6	Integrated Math III	U.S. History	Science Elective	Web Design 1, 2 T845 / T846 UC-g, AR**  Global IT Management 1, 2 T446 / T447	P.E. Y2 WorldLanguage 1, 2 World Language 3, 4 Visual and Performing Arts Y1	
	<b>12</b>	English 7, 8	Math Elective	Am. Gov. / Econ.		Global IT Management 1, 2 T446 / T447	P.E. Y2 World Language 3, 4 World Language 5, 6 Visual and Performing Arts Y1	
<b>Key</b>		Minimum UC a-g Entrance Requirement	Required by GUHSD for Graduation	Recommended for College Admissions	CTE Concentrator Course	CTE Capstone Course	CTE Meets UC a-g Entrance Requirements Articulated Course	
The course sequence listed below is for illustration only. A student's actual course sequence may vary.								
<b>P o s t - s e</b>	<b>13 &amp; 14</b>	<b>CSIS 110</b> <b>CIS 110</b> Principles of Information Systems	<b>CSIS 112</b> <b>CIS 190</b> Windows Operating Systems	<b>CSIS 132 **</b> <b>CIS 211</b> Introduction to Web Development	<b>Select THREE of the following:</b> <b>CSIS 133 / CIS 213</b> Intermediate Web Development <b>CSIS 135 / CIS 215</b> Introduction to JavaScript Programming <b>CSIS 147</b> Social Media and Internet Marketing  <b>CSIS 151</b> Introduction to Photoshop <b>OR</b> <b>CSIS 293 / CS 182</b> Introduction to Java			

c o n d a r y		OR <b>CSIS 105</b> <i>Introduction to Computing</i>				<ul style="list-style-type: none"> <li>o Network and Cybersecurity Technician</li> </ul>
		<b>WBL Plan 22-23:</b> <ul style="list-style-type: none"> <li>● 100% of the curriculum is project-based learning and project-based assessments.</li> <li>● Students develop several websites, web applications, and web based video games as individuals or part of a team.</li> </ul> <b>LMI Highlights for Pathway 22-23:</b> <ul style="list-style-type: none"> <li>● <b>Software Developer Jobs - 150+K jobs available</b></li> <li>● <a href="https://www.indeed.com/jobs?q=software+Developer&amp;l=&amp;vjk=ef367b4211664404">https://www.indeed.com/jobs?q=software+Developer&amp;l=&amp;vjk=ef367b4211664404</a></li> <li>● <b>JavaScript Developer Jobs - 50+K jobs available</b></li> <li>● <a href="https://www.indeed.com/q-Javascript-Developer-jobs.html?vjk=4b8a3869a1c33a9f">https://www.indeed.com/q-Javascript-Developer-jobs.html?vjk=4b8a3869a1c33a9f</a></li> </ul>				<b>Cuyamaca Community College Program Offerings:</b> <ul style="list-style-type: none"> <li>● Associates in Science in Computer Information Science with an emphasis in: <ul style="list-style-type: none"> <li>o Networking, Security and System Administration</li> <li>o Web Development</li> </ul> </li> <li>● Certificates of Specialization <ul style="list-style-type: none"> <li>o Cisco Certified Network Associate Certificate</li> <li>o Cisco Network Professional Certificate</li> <li>o Cyber Security Specialist Certificate</li> <li>o Computer Programming Certificate</li> <li>o Computer Support Technician Certificate</li> <li>o Web Design Certificate</li> <li>o Web Programming Certificate</li> </ul> </li> </ul>