

# CIS---WEB SITE DESIGNER AND DEVELOPER

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## Associate in Science

Career/Technical (Major Code: 02121)

Prepares students to work in web design studios or computer firms, or as independent freelance web designers or search engine marketers.

Creates responsive websites using coding and open-source software.

Develops maximum search engine visibility. Designs websites and shopping carts for computer and portable devices.

## Program Student Learning Outcome

- Create a website which matches an industry standard for effective communication using search engine analytical tools to create a search engine marketing plan.

Code	Title	Units
<b>Program Requirements</b>		
BUS 134	eBUSINESS I: PRINCIPLES OF ELECTRONIC COMMERCE	3
BUS 211	COMMUNICATION IN BUSINESS AND INDUSTRY	3
CIS 108 or CIS 123	PHP (PERSONAL HOME PAGE) AND MySQL WEB DESIGN I	3-6
CIS 124	WEB IMAGING	3
CIS 255	WEB SEARCH ENGINE VISIBILITY	2
CIS 256	WEB DESIGN II	3
Select 2-4 units of the following:		2-4
CIS 290	WORK EXPERIENCE CIS APPLICATIONS I	
CIS 291	WORK EXPERIENCE CIS APPLICATIONS II	
CIS 292	WORK EXPERIENCE CIS APPLICATIONS III	
CIS 293	WORK EXPERIENCE CIS APPLICATIONS IV	
<b>Total Units</b>		<b>19-24</b>

To earn an associate degree, additional general education and graduation requirements (<http://catalog.swccd.edu/certificates-certifications-degrees-csuuc-requirements/>) must be completed.