

Webpage Publishing

Students will demonstrate knowledge of: 9278.1

Web page updates and maintenance.

Web page applications.

Application Skills

Comply with copyright and patent laws. 9278.2

2 Comply with copyright and patent laws. 9278.2

Make website development decisions based on analysis and interpretation of design specifications. 9278.3

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Design, build or maintain web sites, using authoring or scripting languages, content creation tools, management tools and digital media. 9278.4

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Use flowcharts, storyboards and wire frames to create web pages and a site map that maintain the planned website hierarchy. 9278.5

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Insert rich media, such as video, sound and animation. 9278.6

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Perform or direct web site updates. 9278.7

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Back up or modify applications and related data to provide for disaster recovery. 9278.8

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Write, design or edit web page content, or direct others producing content. 9278.9

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Create hypertext links to other sites or pages. 9278.10

10 Create hypertext links to other sites or pages. 9278.10

Create a webpage using page layout design concepts and principles. 9278.11

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Confer with management or development teams to prioritize needs, resolve conflicts, develop content criteria or choose solutions. 9278.12

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Back up files from web sites to local directories for instant recovery in case of problems. 9278.13

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Determine sources of web page or server problems and take action to correct such problems. 9278.14

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Identify problems uncovered by testing or customer feedback and correct or refer problems to appropriate personnel for correction. 9278.15

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Evaluate code to ensure that it is valid, properly structured, meets industry standards and is compatible with browsers, devices or operating systems. 9278.16

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Analyze user needs to determine technical requirements. 9278.17

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Develop or validate test routines and schedules to ensure that test cases mimic external interfaces and address all browser and device types. 9278.18

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Review or update web page content or links in a timely manner, using appropriate tools. 9278.19

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Develop databases that support web applications and web sites. 9278.20

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Monitor systems for intrusions or denial of service attacks and report security breaches to appropriate personnel. 9278.21

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Implement web site security measures, such as firewalls or message encryption. 9278.22

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Implement multimedia visual and audio

23 Implement multimedia visual and audio elements and enhancements. 9278.23

elements and enhancements. 9278.23

Create a table, change table and cell properties. 9278.24

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Add text to a web page. 9278.25

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Maintain understanding of current web technologies or programming practices through continuing education, reading or participation in professional conferences, workshops or groups. 9278.26

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Use a digital camera, digital video and scanner to import visuals into a web page. 9278.27

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Explore domain registrations. 9278.28

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Incorporate technical considerations into web site design plans, such as budgets, equipment, performance requirements or legal issues including accessibility and privacy. 9278.29

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Identify or maintain links to and from other web sites and check links to ensure proper functioning 9278.30

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