

DREAMWEAVER: IMAGE MAPS, ROLLOVERS AND FTP

WORKSHOP DESCRIPTION

Ever wonder how to make a portion of an image link to other content on the Web, or how to get your completed files to a Web server? Dreamweaver can easily help you make a portion of an image as a clickable element on your Web page. In addition, Dreamweaver has a built-in tool to help you manage your files to and from a Web account. Topics in this workshop include: utilizing image maps, inserting rollover images and learning to use the built-in FTP tool to copy files to a Web account.

PREREQUISITES

Completion of ***Introduction to Web Accessibility***. Individuals taking this workshop should have a working knowledge of Dreamweaver, browsers, the Web and the ability to effectively work in the Windows or Macintosh OS environment. Participants will be expected to know how to perform all skills taught in the ***Dreamweaver: Introduction to Editing Web Pages*** and ***Dreamweaver: Links and Tables*** workshops with little assistance.

OBJECTIVES

Participants attending this workshop will learn to:

- Utilize image maps
- Insert rollover images
- Create and insert Flash rollover buttons
- Use FTP within Dreamweaver to copy files to a Web account


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Advanced Techniques for Handling Images

Image Maps

An image map is an image that has been divided into regions, called “hotspots.” When a user clicks a hotspot, an action occurs – such as a new XHTML file or picture is opened. You can create and edit client-side image maps by following this simple process:

1. Select the image on your Web page that you wish to make into an image map. Or you can insert a new image by clicking the **insert image** button () on the **Objects** panel.
2. With the image selected, the image map properties appear in the bottom section of the **Properties** panel.

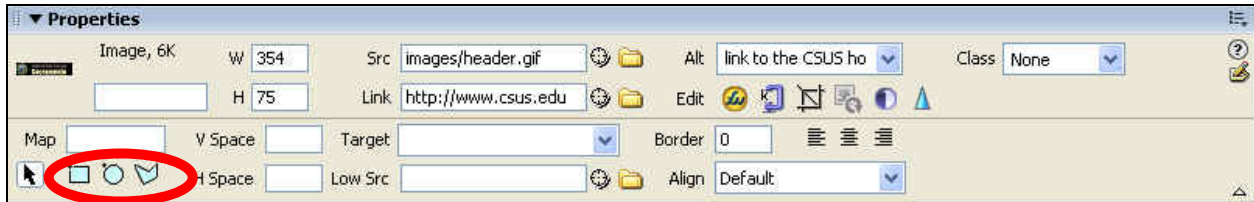
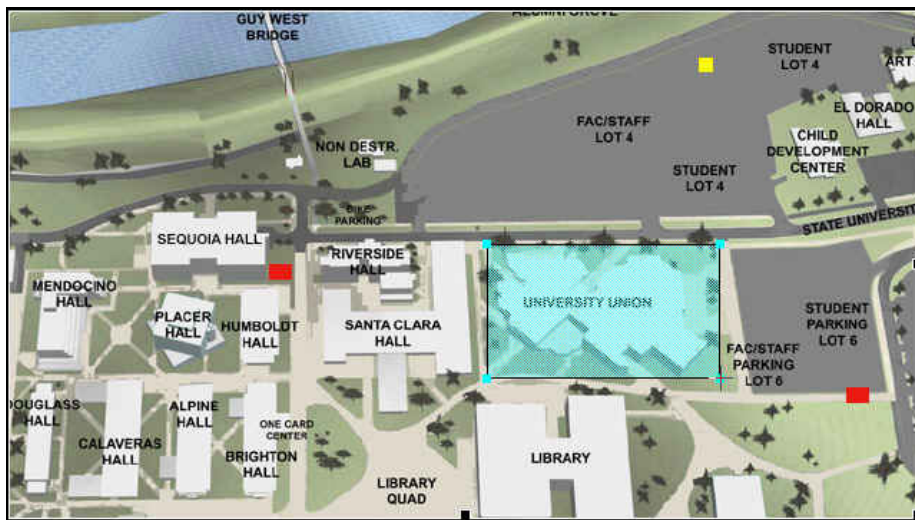
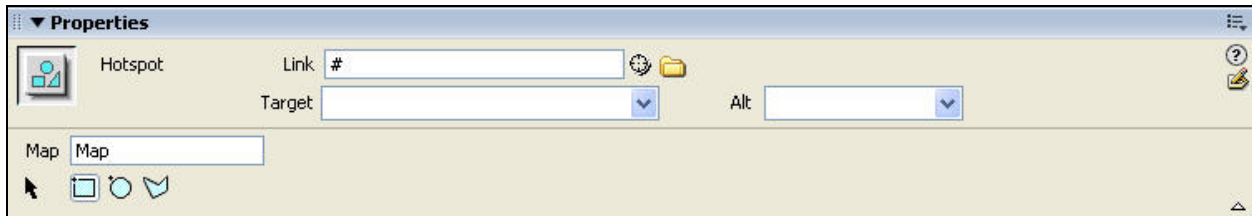


Image Map Icons

3. Click **one of the three image map icons**, depending on which style of hotspot you want to create: **rectangular**, **oval** or **polygon**. You may also enter a name for your image map; otherwise the default name “map” will be assigned.
4. Move the pointer onto the image (it will change to a +), then click and drag over an area of the image to select it as a hotspot. Release the mouse button to end your selection. You will notice that the hotspot now has a light blue color. The color will not appear on the image, it is only here in Dreamweaver to identify the hotspot.



The **Properties** panel has now changed to show the hotspot properties.



5. Select a link for your new hotspot from the **Properties** panel using one of these steps.
 - a. **Same page link (link to named anchor):** By default Dreamweaver places a “#” in the link field, which is the symbol for a hyperlink on the same page. Type the name of your hyperlink on that page after the “#”.
 - b. Click the **pointer icon** (🖱️) next to the link field and drag the mouse to the file in the **Site** panel that you want to have as the hyperlink.
 - c. Click the **folder icon** (📁) next to the link field and select the file from the window.
 - d. In the link field type the file name or entire Web address of your link. For example, `http://www.csus.edu`
6. Enter the appropriate alternate text for the hotspot in the **Alt** field.
7. Repeat **Steps 3 through 6** to create additional hotspots on the same image.
8. Save your changes and preview your image map in a browser. When viewed in a browser, each hotspot will act like a normal hyperlink – the pointer will change to a hand when placed over the hotspot area.

To change a hotspot: Click the hotspot, then modify the fields in the **Properties** panel. You can also click the square corners of the hotspot and drag it to resize the hotspot.

To move a hotspot: Click the image or click the arrow button (🖱️) in the **Properties** panel if the image is already selected. Click the hotspot and drag it to the new location within the image.

Tip: Be sure to include **instructions** for your users so you can inform them to click certain areas of the image to activate a hyperlink that will take them to additional information.

Exercise 1 – Image Maps

1. If you have not already done so, create a site using the *DW_ver8_ImageMapsRollovers* folder on the desktop.
2. Open the file *imagemap.htm*.
3. Add a hotspot around the keyboard keys and link it to the file *keyboard.htm*.
4. Add a hotspot around the mouse and link it to the Internet Web page at "http://www.webopaedia.com/TERM/m/mouse.html".
5. Create a new anchor on the same page just before the title “The Compact Disc - Read-Only Memory.”
6. Add a hotspot around the CD-ROM and link it to your newly created anchor.
7. Save your work and preview your changes in a Web browser.



Rollover Images

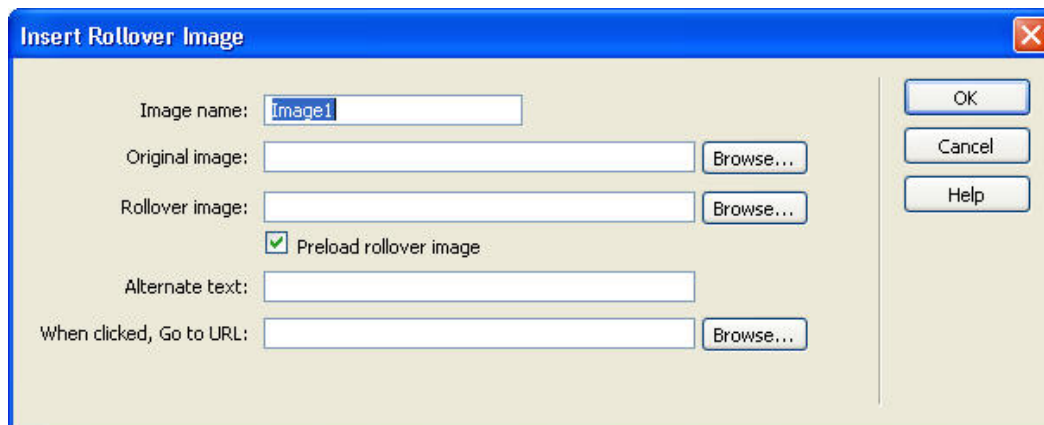
A rollover is an image that, when viewed in a browser, changes to another image when the pointer moves across it. It consists of two images: the original image (the image displayed when the page first loads) and a rollover image (the image that appears when the pointer moves over the original image).

Tip: Both images in a rollover should be the **same size**; if the images are not the same size, Dreamweaver automatically resizes the second image to match the properties of the first image.

You cannot see the effect of a rollover image in the Dreamweaver Document Window. To see the rollover effect, press F12 to preview the page in a browser; then roll the mouse pointer over the image.

To insert a rollover image simply follow these steps:

1. Click in your Web page where you want to place the rollover image.
2. Click the **arrow** next to the **insert image** button () on the **Objects** panel to display the insert images menu.
3. Click the **rollover image** option ().
4. When the **Insert Rollover Image** window appears, enter a **name** for your image, or accept the default given.



5. Enter the **address of the original image** (when the pointer is not over the image) or click the **Browse** button and select the image in your site.
6. Enter the **address of the rollover image** (when the pointer is over the image) or click the **Browse** button and select the image in your site.
7. Enter the **alternate text** for the image – one text for both images.
8. If you want, you may enter the address of where you want to take the user when the image is clicked, or you may click the **Browse** button and select the file name in your site.
9. Click **OK** to insert the rollover image. Only the first image will appear in the Design view.
10. Save your changes and preview your rollover image in a browser.

Exercise 2 – Rollover Images

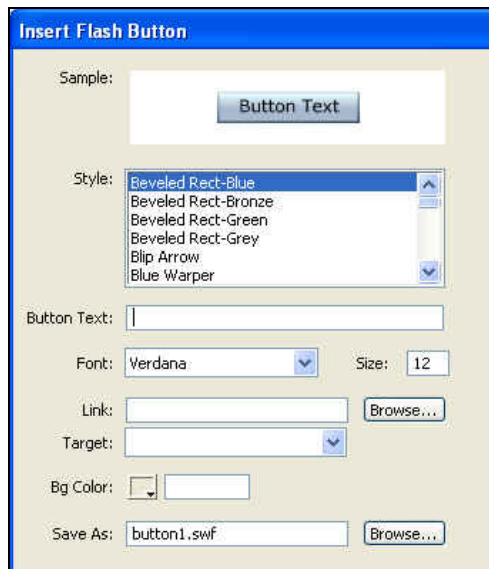
1. Open the file *rollovers/rollover.htm*.
2. Add a rollover image after the text “1) Simple rollover image” using the files *grey_image.jpg* and *color_image.jpg*.
3. Add a rollover image after the text “2) Rollover buttons” using the file *fall_light.gif* and *fall_middle.gif*.
4. Save your work and preview your changes in a Web browser.

Flash Rollover Buttons and Text

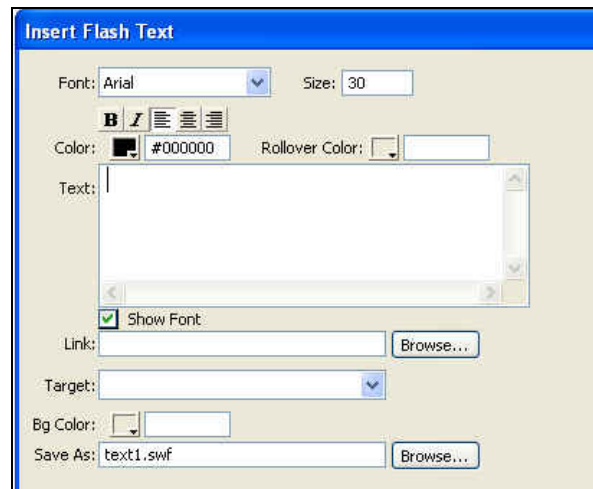
Dreamweaver has a built-in utility that can create rollover buttons and text for you in the Macromedia Flash format. You do not need to have Flash installed on your computer because this utility comes with Dreamweaver. The only requirement is your user needs the Flash plug-in installed in the browser.

To insert a Flash rollover button or rollover text, simply follow these steps:

1. Click in your Web page where you want to place the rollover button or rollover text.
2. Select **Insert > Media > Flash Text** or **Flash Button**. Each selection will display a window that allows you to customize your rollover button or text.



Insert Flash Button window



Insert Flash Text window

3. When the window appears, choose a sample style for your rollover button or choose your text attributes for your rollover text.
4. Type the text you want to display on your button or the rollover text. Complete any additional customization of your button or text.
5. Enter the address where you want to take the user when the rollover button or rollover text is clicked, or you may click the **Browse** button and select a file in your site.
6. Click **OK** to insert the rollover button or text.
7. Save your changes and preview your rollover button or text in a browser.

To change a rollover button or text: Double-click the button or text in the Document window; then modify the fields in the pop-up window.

Exercise 3 – Flash Rollover Buttons and Text

1. Open the file *flash_rollovers /flash_rollovers.htm*.
2. Add at least three Flash rollover buttons in the navigation bar area of your Web page. You may add additional buttons to Web sites of your choosing. Include buttons with links to the following:
 - a. Library <http://library.csus.edu/>
 - b. News <http://www.csus.edu/news/>
 - c. Tour <http://www.csus.edu/vtour/>
3. Add at least three Flash rollover text buttons in the content area on your Web page. You may add additional buttons to Web sites of your choosing. Include buttons with links to **three** of the following:
 - a. Arts & Letters <http://www.asn.csus.edu/al/>
 - b. Business Administration <http://www.cba.csus.edu/>
 - c. Continuing Education <http://www.cce.csus.edu/>
 - d. Education <http://edweb.csus.edu/>
 - e. Engineering & Computer Science <http://hera.ecs.csus.edu/>
 - f. Health & Human Services <http://www.hhs.csus.edu/>
 - g. Natural Science & Mathematics <http://www.asn.csus.edu/nsm/>
 - h. Social Sciences & Interdisciplinary Sciences <http://www.csus.edu/ssis/>
4. You may also add other content in the header and footer areas. What would you want to include?
5. Customize your Web page with different fonts, font faces, styles, colors, etc.
6. Save your work and preview your changes in a Web browser.

Using FTP to Copy Your Completed Files

After you define your site and edit your Web pages, you can use the built-in FTP process to copy your completed XHTML files, documents and image files to a Web account – such as your faculty Web account, your SacLink Web account or your department’s Web account.

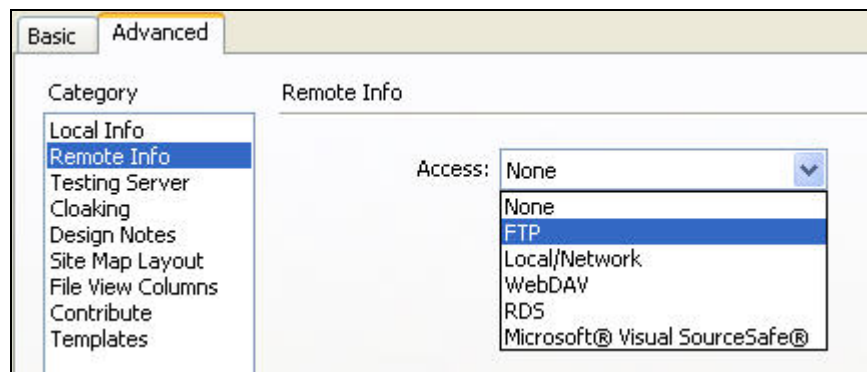
Tip: If you do not organize your site files on the Web account the same as they are organized on your local computer, hyperlinks **will not** work and images **will not** display properly.

Note: This process **does not** work with WebCT. You **must** use the upload utility within WebCT to copy files to an online course in WebCT.

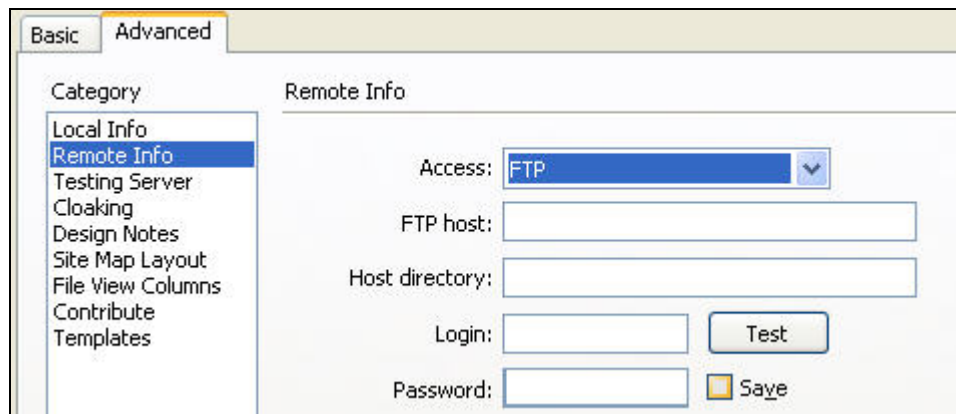
How to define an FTP connection

Using the Site menu

1. Define your site within Dreamweaver. Please refer to the ***Dreamweaver: Introduction to Editing Web Pages*** workshop document for detail instructions on defining a site.
2. After your site is defined select **Manage Sites** from the **Site** menu.
3. When the **Edit Sites** window appears click your site name and click **Edit**.
4. In the **Site Definition** dialog box click the **Advanced** tab, select the category **Remote Info** and then choose **FTP** from the **Access** pull-down menu (shown below).



5. Enter the information that pertains to your specific Web account. Refer to the following sample image and table.

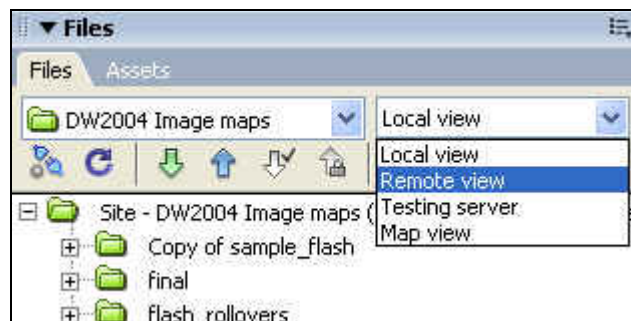


Type of Web account	Remote Info label	Text to use
Faculty Web account	FTP Host	www.csus.edu
	Host Directory	indiv/INITIAL/SACLINKID * INITIAL = the first letter of your last name * SACLINKID = your SacLink ID For example, if the name was Miles Davis with a SacLink ID of "davism" the directory would be "indiv/d/davism"
	Login	your SacLink ID
	Password	ALWAYS LEAVE THIS FIELD EMPTY, when you connect it will ask for a password.
SacLink Web account	FTP Host	ftp.saclink.csus.edu
	Host Directory	web
	Login	your SacLink ID
	Password	ALWAYS LEAVE THIS FIELD EMPTY, when you connect it will ask for a password.
Departmental Web account	FTP Host	get this information from your Department IT personnel
	Host Directory	
	Login	
	Password	

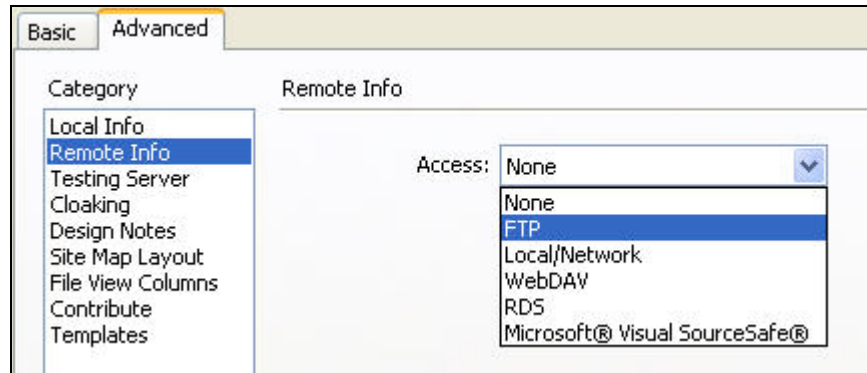
6. Select **OK** to accept your changes or select **Cancel** to not accept your changes.
7. Select **Done** to close the **Edit Sites** window.

Using the Site panel

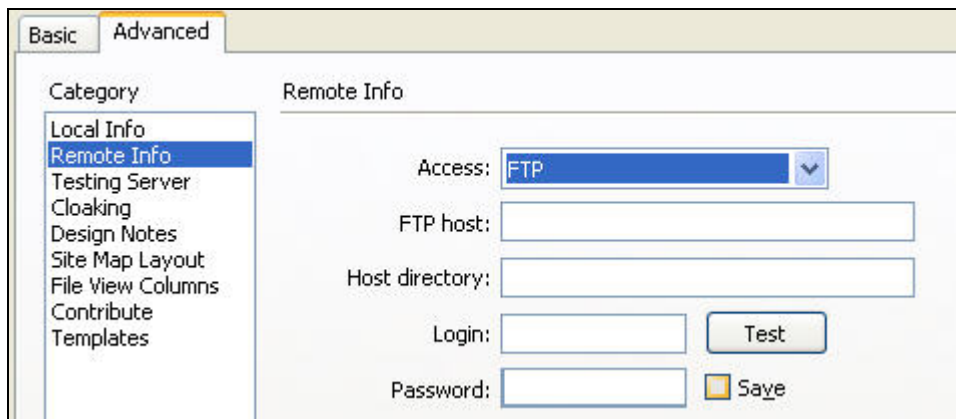
1. Define your site within Dreamweaver. Please refer to the ***Dreamweaver 1: Introduction to Editing Web Pages*** workshop document, page 9, for detail instructions on defining a site.
2. After your site is defined select the **Remote View** option from the view pull-down menu in the **Site** panel (shown below).



3. Click the link **define a remote site** in the **Site** panel.
4. In the **Site Definition** dialog box choose **FTP** from the **Access** pull-down menu.




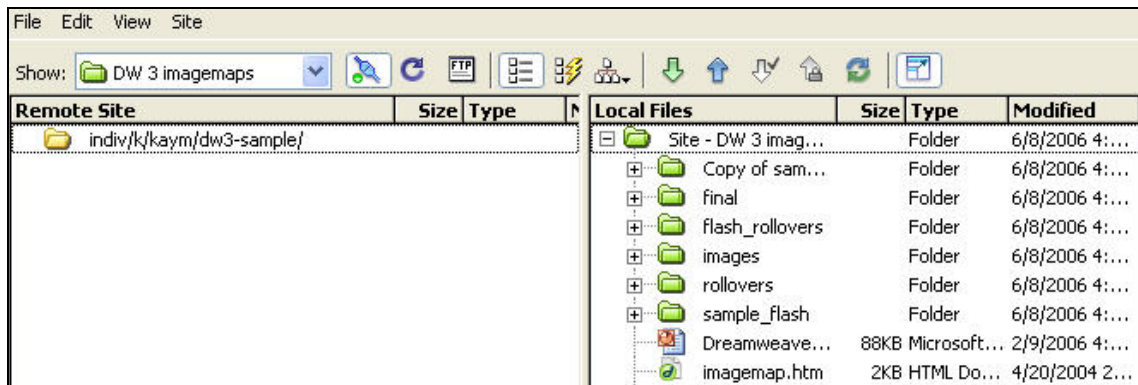
5. Enter the information that pertains to your specific Web account.




6. Select **OK** to accept your changes or select **Cancel** to not accept your changes.

How to copy files using FTP


1. To see both local files and remote files (Web account) click the **Expand/Collapse** button  on the **Site** panel toolbar.





2. Click the **connect** button () on the **Site** panel toolbar to connect to your Web account.

3. Enter your password and click **OK**. You should now see a list of files in the **Site** panel corresponding to your Web account under the section **Remote Site**.
4. Select the files or folders to copy by clicking on them with the mouse pointer.

Drag the files and folders to the other area. *Be sure to pay close attention to where you place your files.* You can click and drag files and folders from the **Remote Site** area to the **Local Files** area or from the **Local Files** area to the **Remote Site** area.

Put Files (): Use the blue arrow pointing up button to copy files from the **Local Files** area **to** the **Remote View** area (the Web account). **Note:** It will preserve the file/folder organization and may ask you to copy the dependent files (images on those HTML pages).

Get Files (): Use the green arrow pointing down button to copy files from the **Remote View** area **to** the **Local Files** area (the Web account). **Note:** It will preserve the file/folder organization and may ask you to copy the dependent files (images on those HTML pages).

To return to the main Dreamweaver window click the **Expand/Collapse** button  on the **Site** panel toolbar. This will collapse the **Site** panel into a single view, with the other Dreamweaver panels now appearing on your screen.

Resources

Faculty/Staff Resource Center ARC 3012

- * Assistance available on walk-in basis
- * Open lab on Fridays 1-4pm
- * Open lab on Thursdays 1-4pm

<http://www.csus.edu/uccs/fscenter/>

(Fall, Winter, Spring)
(Summer)

Appointments with consultants

- * Phone: 278-7337 or x87337
- * E-mail: helpdesk@csus.edu

<http://www.csus.edu/uccs/helpdesk/itc.stm>

Academic Technology & Creative Services

<http://www.csus.edu/atcs>

Information Providers Resource page

- * Guidelines, Tutorials, Templates, Graphics, Accessibility, Other Resources

<http://www.csus.edu/web/>

Books on Dreamweaver MX

- * Dreamweaver 8 Bible by Joseph Lowery
- * Macromedia Dreamweaver 8 Hands-On Training by Daniel Short, Garo Green
- * Dreamweaver 8 for Dummies by Janine Warner
- * Master VISUALLY Dreamweaver 8 and Flash 8 by Denise Etheridge, Janet Valade
- * HTML for the World Wide Web (5th edition) with XHTML and CSS by Elizabeth Castro