

Northside ISD's **Web Mastering Online Course**

Now Available for Purchase!

A Cutting-Edge Course for Your Students

Your school utilizes its own instructor(s).

Purchase price for your school is \$500 per instructor.

What you get:

- The complete **Web Mastering Online** curriculum, based on the TEKS (Texas Essential Knowledge & Skills)
 - 8 Instructional Modules
 - 46 Lessons
 - 30 Interactive Activities
 - 63 Graded Assignments
 - 8 Threaded Discussion Topics
 - Toolbox, which contains skills manuals, trial software downloads, & media players
 - Grading rubrics and answer keys
 - Course outline and timeline
 - 100% Web-based content, updated as needed
- Can be used in a traditional classroom setting or use it as an online course
- Rights to print and duplicate unlimited paper copies of all materials
- Purchase anytime! A login and password will be e-mailed to you upon receipt of your order.

What you need:

- Qualified instructor(s). Northside ISD can only provide limited, informal support, via e-mail and telephone. Therefore, your instructor(s) must possess adequate technical and content-related skills. If used as an online course, the recommended instructor to student ratio is 1:15.
- Computers (generally - less than three years old - multimedia capabilities, Pentium-class, 64+ MB RAM) with Internet access
- Web server publishing space for student work
 - Your own server *OR*
 - Free hosting by GeoCities, Homestead, Angelfire, iRepublics, Xoasis, etc.
- *If your school plans to teach the course online*, the instructor will need to establish a private eGroup at www.egroups.com and students and instructor must have e-mail.
- *Optional:* The course utilizes 30-day trial downloads of Macromedia's Dreamweaver, Flash, Fireworks, and Director. If you are teaching the course in a traditional setting, rather than online, you may wish to purchase this software.

Order Form and Course Outline available at www.nisd.net/cmptecww/order.htm.

Course Outline

Module 1: Introduction to Web Mastering

TEKS: 1-A,C,G; 2-A,3-A,B; 4-A,B,C; 5-A; 8-A,B,F; 9-B; 11-B

10 hours

- Lesson 1: Getting Started
- Lesson 2: Review of Internet Basics
- Lesson 3: E-Group Interaction
- Lesson 4: Check for Understanding

Module 2: Elements of Design & HTML

TEKS: 1-D,E;4-A,B; 6-A,B; 7-A,B,F; 8-F; 9-B;12-B

15 hours

- Lesson 1: HTML Essentials
- Lesson 2: Design Considerations: How to be Considerate
- Lesson 3: Say it with Text
- Lesson 4: Layout: First Impressions
- Lesson 5: Graphics: Worth a Thousand Words
- Lesson 6: Navigation: Where Am I?
- Lesson 7: Get "Hyper": Creating Links
- Lesson 8: Tables: Layout of the Land
- Lesson 9: Writing Java Script

Module 3: Introduction to Publishing

TEKS: 7-D; 10-A; 11-A,B

5 hours

- Lesson 1: Up, Up & Away: Upload Your Site

Module 4: Organizing and Planning a Site

TEKS: 7-A, B, H

10 hours

- Lesson 1: Role of a Webmaster
- Lesson 2: WWW Servers /Setting up a Web Server
- Lesson 3: Planning & Organizing a Web Site
- Lesson 4: Creating an Outline of a Web Site
- Lesson 5: Site Structure
- Lesson 6: Relative & Absolute Paths
- Lesson 7: Directory & File Names

Module 5: Documentation and Copyright Issues

TEKS: 3-A,B,C; 4-A; 6-C; 7-G; 8-F; 9-B

5 hours

- Lesson 1: Copyright Law
- Lesson 2: Fair Use
- Lesson 3: Obtaining Permission
- Lesson 4: Documenting Sources

Module 6: WYSIWYG Editors & Multimedia

TEKS: 1-A,B,D,E; 2-B; 3-A,B; 4-A; 5-A,B; 6-A; 7-A,B,D,F,H; 8-A,B,C,D; 9-B;10-A; 11-A,B; 12-B

30 hours

- Lesson 1: Graphic File Types & Scanner
- Lesson 2: Photo Editing
- Lesson 3: Paint Program
- Lesson 4: Cool Text & Buttons
- Lesson 5: Netscape Composer - Beginning
- Lesson 6: Sound Recorder
- Lesson 7: Video
- Lesson 8: Netscape Composer - Advanced
- Lesson 9: Web Page Peer Critique

Module 7: Macromedia Development Tools

TEKS: 1-A,B,D,E; 2-B; 3-A,B; 4-A; 5-A,B; 6-A; 7-A,B,D,F,G,H; 8-A,B,C,D; 9-B; 10-A,B; 11-A,B; 12-B

45 hours

- Lesson 1: Flash - Vector Animation
- Lesson 2: Dreamweaver
- Lesson 3: Fireworks
- Lesson 4: Director
- Lesson 5: Putting It all Together
- Lesson 6: Web Page Peer Critique

Module 8: Developing a Site for an Authentic Customer

TEKS: 8-B,C; 9-A, B, C, D; 10-A, C;12-A,B

30 hours

- Lesson 1: Determine & Acquire a Customer
- Lesson 2: Complete a Needs Survey
- Lesson 3: Create the Site Structure
- Lesson 4: Create Files & Folders for Your Site
- Lesson 5: Create a Mock-Up
- Lesson 6: Upload Your Site

Software Applications in the Web Mastering Online Curriculum

1. Windows NotePad (or comparable text editor)
2. Netscape Navigator (or comparable Web browser)
3. Netscape Composer
4. GIF Construction Set
5. Inspiration
6. Windows Paint (or comparable)
7. Windows Sound Recorder (or comparable)
8. Macromedia Dreamweaver
9. Macromedia Flash
10. Macromedia Fireworks
11. Macromedia Director
12. WS-FTP