

## Web Mastering Course Syllabus

**Course: Web Mastering**

**Credit Hours: 1 year**

**Prerequisites:** Proficiency in the knowledge and skills in Technology Applications (Computer Literacy), grade 6-8. This course is recommended for students in grades 10-12.

Year	2007-2008
Instructor	Susan Boone 281-920-800 ext. 6028
Instructor's email address	<a href="mailto:sboone@houstonisd.org">sboone@houstonisd.org</a>
Instructor's conference times	5 <sup>th</sup> Period – 12:35 – 1:25 (M, T, F) 5 <sup>th</sup> Period – 12:10 – 1:40 (Wed)
Tutoring – Practice Times	Tuesday & Thursday afternoons 3:15 – 4:15 or by appointment

### Resources

- Text – **Guide to Web Development using Macromedia Dreamweaver** (Lawrenceville Press)
- Supplementary Reading
  - o **HTML 4 for the World Wide Web; Elizabeth Castro** (class set)
  - o **The Non-Designer's Web Book**; Robin and Williams and John Tollet
  - o **Web Design Workshop**; Robin Williams, John Tollet, & David Rohr
- Web Site
  - o <http://hs.houstonisd.org/westsidehs/Curriculum/WebMastering/index.html>
- Tutoring/Practice: Tuesday - Thursday 3:30 – 4:30; or by appointment.
- Supplies: Three ring notebook, paper & pen/pencil brought to class each day.
- Portable Storage Device/Pen Drive/Flash Drive: Optional, but extremely useful for this class.
- Technology Lab Fee for consumables – *letter was sent home with student*

### Course Description/Objectives

- **Course Overview/Content/Outline**  
Four technology strands are covered in Web Mastering: foundations, information acquisition, work in solving problems, and communication.
- **Course goals**  
Upon completion of the course, the student will demonstrate knowledge and appropriate use of operating systems, delineate and make necessary adjustments regarding compatibility issues and be able to summarize the technical needs of a World Wide Web (WWW) server, components of the Central Processing Unit of a PC, methods of connectivity, and appropriate software. Students will have a basic understanding of the history of the Internet and the protocols that have developed (http, gopher, file transfer protocol, telnet, and wide area information system). Students will construct appropriate search strategies in the acquisition of information from the Internet. Each student will publish his/her own WWW pages that include text, hypertext, audio, video, and graphics. Students will be able to evaluate the design (for content and delivery) of WWW pages and demonstrate skill in testing the accuracy of information. Students will maintain a web site containing several directories.
- **Objectives for students**
  - o Emergent Technologies
  - o Orientation to the Technology Applications Lab
  - o Explore the Internet
  - o Site Evaluation/Copyright issues
  - o Basic HTML
  - o Graphics – Adobe Photoshop
  - o Web Site Development using Macromedia Dreamweaver
  - o Multimedia Animation using Macromedia Flash
  - o Year Portfolio

### Course Calendar/Schedule

- **Readings**—selected readings and current events discussed in class or assigned for homework
- **Assignments**—most assignments will be done in class. Outside assignments can be completed on school computers or at home if student has access to the Internet.
- **Exam Dates**—announced at the beginning of each unit. 2-3 per grading period
- **Quiz Dates**—2-3 (some may be unannounced) for each unit
- One major project per grading period—counts as a test grade

### Course Policies

- **Attendance**—if absent, get notes from another student and arrange lab time to make up work. It is the student's responsibility to get make-up assignment. **Assignments are posted on the class website.**
- Class Participation included in daily grade
- **Missed exams**—schedule with teacher within two days upon return to school.
- **Missed assignments**—to be completed within two days upon return to school.
- All work should be your own. You may be asked to produce the material during a class period.
- Grading will be done on a point system. The weight for each assignment will roughly adhere to the scale below. Students will know the total points of assignments at any given time during the six weeks, and should be able to calculate their own grade if they have recorded all of their assignments correctly.
  - o Class Participation – 10%
  - o Daily/Homework -- 20%
  - o Quizzes -- 20%
  - o Tests/Major Project – 50%
- **No food, drinks or gum in computer lab. DETENTIONS will be assigned.** This is a level 1 offense.