

**Instructor:** Marc G. Fine

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**Course description:** The purpose of this course is to introduce students to the basic technologies and concepts of the World Wide Web. Students will learn how to “hard code” web pages as well as to use one of the many web editors currently available. Students will also explore the accepted practices currently used by web designers. The course will also explore the use of exciting new technologies that will possibly change how we will use the web in the future. Special emphasis will be given to the development of project planning and technology workgroup skills.

### **Expectations for Student Learning**

How does a participation in this class support the expectations for learning adopted by the community of Shrewsbury? While we strive to support all ten of the identified objectives, our class offers a unique opportunity support the following:

#### **Academic Expectations**

- 1. Apply critical thinking and creative literacy skills to formulate and express opinions in a variety of ways.*

The topics covered in class are presented as projects, designed to challenge students to develop unique presentation solutions while using a toolbox of new technology tools. This approach to learning (often described as authentic assessment) is supported by the assumption that you will be motivated to know a topic in order to present it.

- 3. Exhibit effective speaking, writing and reading skills.*

In our class we support the development of these traditional communication skills and learn to support them with modern technology presentation skills.

- 4. Demonstrate a variety of technological skills.*

Here is where we shine! Our students develop competency with a wide variety of the technology tools they will encounter as they prepare to live, work, and learn in a technologically advanced, global community.

#### **Social Expectations**

- 6. Participate in collaborative and cooperative learning.*

Much of the learning opportunity in our class is presented as challenges requiring collaborative solutions. Students develop information technology workplace skills such as work-flow management, the use collaboration applications, and development of an understanding of system concepts.

## **Our objectives for each student:**

Design structured web pages using the basic HTML building blocks (coding).  
Design web pages using a modern “visual” web editor and demonstrate the advantages/disadvantages of each.  
Demonstrate the thoughtful use of various graphics and multimedia tools.  
Research and share interesting topics about developments in web design.  
Design (code) and implement (FTP) a web-based project.

## **Additional topics:**

Marketing your web site on the Internet  
Effective use of style sheets  
JavaScript programming  
Web design and copyright issues  
New directions in web technologies and web design

**Grading policy:** Each student will be graded in the following manner:

Student projects: Projects will be assigned with a due date and timely completion is expected.	60%
Daily work habits: Homework when assigned Set-up of student work environment Development of “technology work skills” Collaborative effort <i>(Many projects are cooperative in nature with responsibilities shared with other students).</i>	20%
Final exam or final projects	20%

## **General course requirements:**

1. Projects will be due on the date announced\*
2. Students will be responsible for taking notes, when necessary, and organizing and maintaining their “technology workspace”.
3. Students will participate as responsible members of collaborative teams.
4. Students will be responsible users of technology, following acceptable use policies as adopted by the School Board.

\* In order to meet the due dates for projects, some students may find it necessary to work in the computer lab after school, during study periods, or at home. Failure to complete assignments on time could result in the student not being ready to progress to new material. We understand that “Murphy’s Law” is a potential in the real world of technology tools. Students with problems will have access to make-up time. Work that is not passed in on time may be recorded as a zero until it is done.

**Extra help:** The instructor will be available after school every day except when there are scheduled staff meetings. Please let me know when you plan to stay.

Receipt of class curricula must be acknowledged by a parent or guardian of students enrolled in any class. Please [follow this link](#) to a form that must be filled out and submitted to indicate you have seen and have a general understanding of our class curriculum.

Thank you.

Marc fine, Instructor.