

Northeast High School - 2015-2016

Web Design Syllabus

Location: Room 15

Teacher: Mr. Yun

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After School Conference / Tutoring - Contact for times

Course Description:

This course is designed to give the student working knowledge of the web, the scripting languages used in authoring web pages, and the graphics programs used in designing the visuals on the web. The course will also cover employment skills that are necessary in the 21st century workforce. This course will also explore new methods of classroom activities performed via the web and various web 2.0 applications. The course will also explore web-based design on multiple platforms and devices.

Course Objectives:

1. The course will focus on preparing all students for an industry level web design certification. The course certification is a third-party evaluation that will test the student's working knowledge of web-based authoring languages.
2. The course will also focus on integrating web design skills with other graphic, interactive, and print skills.
3. The course will instill students with a basic to intermediate understanding of web concepts, HTML & CSS, and Javascript authoring skills, and web graphic layout skills.

Classroom Expectations:

Attendance

1. Punctuality - All students will arrive on-time. If you are more than 2 minutes later than the late bell, you will be considered late.
2. Absences - All absences must require a note. You must provide a note within 3 days of the absence. If not, it will be considered a cut.
3. Cuts - A confirmed cut will render all assignments, tests, and projects due for that day a zero. One cut will result in a call home. Three cuts will result in a pink slip. Continued cuts will result in a failing grade.
4. Restroom - Students may use the restroom 15 minutes after the bell has rung, and 15 minutes before the next bell will ring. Frequent and continued use of the restroom during class will result in permission to use the restroom being denied.

Behavior

1. Verbal - All students are expected to respect themselves and respect others. No calling out during discussions and lectures, and no insulting other students or the instructor.
2. Physical - All students in the lab are expected to never fight, rough-house, or run. All harassment is not tolerated.
3. Food & Drink - No food or drink in the lab. Any food or drink found will be confiscated.
4. Assigned Seats - Seats will be assigned according to classroom dynamics and behavior.

Assignments, Projects, & Exams

1. All students are expected to complete all assigned work.
2. Work may be handed in early, but accuracy is the primary goal.
3. Work handed in more than two days late will have points deducted. Additional days late will have additional points deducted. Work handed in over 5 days late will result in no more than partial credit.
4. Tests may not be taken more than 5 days after the test date.

Class Topics:

1. Web Design Introduction
2. Lab Safety - Use of computers and equipment
3. Internet Basics - Networks, protocol, and browsers
4. Adobe Dreamweaver, Introduction to HTML - Basic markup language, concepts of tags & attributes
5. HTML Overview - Links, images, formatting, tables, forms, lists, and plugins
6. CSS Overview - Styles formatting, HTML integration
7. Design Principles - Visual design for the screen, layout
8. Color Theory - Color theory used in site design
9. Typography & Font design - Typography on the web with CSS
10. Photoshop - Photo manipulation, web ready images
11. Introduction to Javascript - Overview of javascript and its functions
12. Mobile Devices - Introduction to web standards for mobile devices

Certification:

All students are required to take the Dreamweaver Adobe Certified Associate certification. Passing of the certification will be added to your academic grade at the end of the year.

Class Discussion, Note-Taking, Assignment Methods

1. Assignments will be handed out through Schoology. Students will be expected to submit their files through schoology.
2. Much of the class resources, grades, attendance, and discussion will happen on schoology and mygraphicslab
3. You will be expected to keep notes in a notebook. There will be two notebook checks each quarter. The computers will be locked when we discuss topics on the board. The computers will be locked during class discussions.

Grading & Grading Policies

1. **Assignments - 20%**
 - a. All learning plan questions & writing
 - b. Do Now assignments
 - c. All homework
 - d. All short activities not considered a project

2. **Projects - 30%**
 - a. All learning plan projects that take longer than 2 class periods to complete.
 - b. Some projects might be broken down into smaller parts, but still considered projects.

3. **Tests & Quizzes - 20%**
 - a. There will be at least 2 formal assessments each marking period.

4. **Employability Skills - 30%**
 - a. Focus - Staying on task when given assignments. Making sure the assignment is completed according to directions. Not rushing through assignments, or waiting to the last minute to start. Employers want individuals who are thorough, focused, and efficient.
 - b. Attendance - Missing school and class will result in a reduction in points. Employers want individuals who show up regularly and are on time.
 - c. Perseverance - Not giving up when having difficulty. This is a very important skill and can be learned. Employers want individuals who can learn from mistakes, continue to try, and take risks.
 - d. Attitude - Willingness to learn. No complaining about new projects or assignments. Being motivated to research topics beyond what is given. Employers want individuals that are optimistic and eager about their job duties.
 - e. Classroom participation - Asking relevant questions, paying attention to the instructor, keeping quiet during lessons, helping other students.
 - f. Being engaged with others during group assignments.

Classroom Materials:

1. USB Drive - Be sure to get a 4GB USB drive to backup your data
2. Notebook - Have a notebook because you will take notes
3. Google Drive - Back up your data on the cloud. You may use your USB drive.

Online Resources:

1. <http://www.schoology.com> - Main class tutorial resource
2. <http://www.w3schools.com/>
3. <http://www.pearsonmylabandmastering.com/northamerica/mygraphicslab/>
4. <http://www.smashingmagazine.com> - Great online resource for web designers
5. <http://www.webmonkey.com/> - Another good resource for established and aspiring designers

Agreement:

Please fill out the following fields for both student and parent/guardian to acknowledge the terms and expectations of the class. All fields must be completed for credit:

Name of Student: _____

Student Email: _____

Student Signature: _____

Name of Parent: _____

Parent Email: _____

Parent Cell Phone: _____

Parent Signature: _____