

**Advanced Web Design  
Maynard Jackson High School  
Fall Semester 2013**

**Instructor:** Akiba Gilbert  
**Room:** 255 GEE TECH INDUSTRIES

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***Course Description:***

Advanced Web Design is the third and final course in the Interactive Media Career Pathway. The goal of this course is to provide students with the study of advanced topics in web design. Upon completion of this course, students should have a thorough knowledge of all areas of web page design. Topics include the web development process, advanced layout and design features, advanced study of scripting languages, site development with HTML editors, and web servers and databases. This course also prepares students to take the Microsoft Technology Academy HTML 5 Certification Exam.

***Expected Course Outcomes:***

By the end of this course, students will be able to:

**BCS-AWD-1** Explore web design concepts, the current state of the web, and technologies used on the web.

**BCS-AWD-2** Students will examine ethical and legal issues related to web development.

**BCS-AWD-3** Students will demonstrate an understanding of project management, phases, the use of teams, and portfolios in web development.

**BCS-AWD-4** Students will demonstrate the ability to evaluate and develop a site's aesthetic qualities.

**BCS-AWD-5** Students will examine and apply website testing, publishing, and maintenance concepts.

**BCS-AWD-6** Students will demonstrate the effective use of multimedia.

**BCS-AWD-7** Students will explore advanced web page layout features and concepts.

**BCS-AWD-8** Students will identify, compare and contrast, and use various scripting and mark-up languages used on the internet.

**BCS-AWD-9** Students will demonstrate advanced website development with HTML editors and scalable vector graphics programs.

**BCS-AWD-10** Students will demonstrate an understanding of the use of databases in site development.

***Textbook(s)***

Microsoft Technology Academy HTML 5; and online resources.

Readings from content-related online resources, journals, magazines, and other resources will be required. These will be provided to students in a timely manner.

***All class information will be provided on the class website [www.msgeesclass.org](http://www.msgeesclass.org). Students are to reference this site daily for class assignments, announcements, class blog updates, etc.***

***Classroom Culture***

Albert Einstein once said, "Logic will get you from A to B. Imagination will take you everywhere." Because creativity is the basis of technology, Ms. Gee's Class will challenge you and require the use of your imagination to create solutions to challenging problems. During our creative journey, please be mindful of the golden rule - Treat your classmates and your teacher, the way you want to be treated. Cheating, plagiarism, and disrespect will not be tolerated. Positively motivating yourself and your classmates is strongly encouraged. Additionally, it is the goal of Gee Tech Industries to prepare students for an international business environment. Students are expected to step outside of their comfort zones and conduct themselves as professional business men and women at all times. Please reference "Gee Tech Industries Employee Procedures."

***Required Class Supplies***

- Pen (black or blue ink only)
- Pencil
- Flash drive/Jump drive to save computer assignments
- Binding Folder for the following items:
  - Syllabus; Gee Tech Industries Employee Procedures; Vocabulary; Student Assignment Checklist/Rubrics

***Make-up Work***

It is your responsibility to request your make-up work and the date that it is due. You can make-up assignments if you have finished your daily assignment early or during tutorial times. Missed assignments must be made up within three (3) school days. You can look for assignments on the class website. Retrieving missed assignments must be done the day you return to school. Make up work will **not** be given if you are present in class and **CHOOSE NOT TO DO THE WORK**.

### ***Tardiness, Class Cutting and Suspension***

The student should arrive to class on time. If a student accumulates excessive tardiness, the student will be referred to school administrators. You **MUST** have a tardy PASS when entering the classroom. If the student cuts class, the student will not be allowed to make up missing work. A suspended student must follow all school guidelines to ensure that they have the assignments that will be covered during their suspension. Students who are suspended must also follow the procedures listed above under the heading "Make-up Work."

### ***Grading and Evaluation***

<i>Category Weight</i>		<i>Grading Scale</i>
Bellbusters / Exit Tickets	<b>10%</b>	100 – 90 <b>A</b>
Daily Class-work	<b>25%</b>	89 – 80 <b>B</b>
Web Design Projects(s)	<b>20%</b>	79 – 70 <b>C</b>
Class Participation	<b>10%</b>	0 – 69 <b>F</b>
Test / Quizzes	<b>20%</b>	
Final Exam	<b>15%</b>	

### ***Tutorial and Open Lab Hours***

After school tutorial and open lab hours are offered for remediation or enrichment on Tuesdays - Thursdays from 3:30p.m. – 4:30 p.m. Additional tutorial is also available *upon request by student or parent* outside of scheduled tutorial times. Please see Ms. Gilbert for more information.

### ***Conferences***

Parent support is always welcome. Parents are welcome to visit during instructional periods and if desirable, volunteer within the classroom. Although prior notice and appointment times are preferred, they are not required. Please have your parents contact Ms. Gilbert for more information or to set up an appointment time for conferences.

#### ***\*\*\*\*\*Classroom Contract\*\*\*\*\****

1. **LISTEN WHEN INSTRUCTIONS ARE BEING GIVEN!!! FOLLOW DIRECTIONS THE FIRST TIME THEY ARE GIVEN!**
2. **BE RESPECTFUL OF OTHER PEOPLE'S SPACE, IDEAS, AND COMMENTS.**
3. **NO FOOD OR DRINK ARE ALLOWED IN COMPUTER LAB.**
4. **APPLICABLE TECHNOLOGY USAGE AT APPROPRIATE TIMES ONLY.**
5. **RESPECT RESTROOM PRIVILEGES.**
6. **BE COURTEOUS OF THE SPEAKER WHEN HE/SHE HAS THE FLOOR.**
7. **FREEDOM OF SPEECH IS HONORABLE AS LONG AS IT IS APPROPRIATE FOR THE CLASSROOM SETTING AND/OR DISCUSSION.**
8. **STUDENTS HAVE THE RIGHT TO RECEIVE HELP AND MAKE UP WORK IF NEEDED.**
9. **LESSONS ARE TO BE INTERESTING, FUN, AND REAL WORLD APPLICABLE.**
10. **BE YOURSELF!**

#### ***\*\*\*\*\*Penalties for Breech of Contract\*\*\*\*\****

***(To be served concurrent or consecutively)***

- Verbal Warning
- Loss of Privileges
- Isolation or Time Out
- Temporary Removal from Class Activity
- Notification of Parents
- In Class/ After School Detention
- Administrative Detention/Saturday School
- Parent Conference
- Temporary Placement in an Alternative Education Program
- Out of school Suspension
- In-School Suspension

### ***Final Note***

Every student can be successful in this class because every student is a genius!! What kind of genius are you? Most importantly, will you let your genius shine through?

***THIS SYLLABUS SHOULD BE PLACED IN YOUR CLASSROOM FOLDER***

Sign\_\_\_\_\_ Date\_\_\_\_\_