



# ADVANCED WEB DESIGN SYLLABUS

## NORTHVIEW HIGH SCHOOL











### FALL 2016

**Mrs. Katie Morgan**

**Room 434**

**Course Description:** The goal of this course is to provide students with the study of advanced topics in web 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. Mastery of these standards through project-based learning and leadership development activities of Future Business Leaders of America (FBLA) will help prepare students with a competitive edge for the global marketplace.

#### Course Objectives:

-  Students will explore web design concepts, the current state of the web, and technologies used on the web.
-  Students will examine ethical and legal issues related to web development.
-  Students will demonstrate an understanding of project management, phases, the use of teams, and portfolios in web development.
-  Students will demonstrate the ability to evaluate and develop a site's aesthetic qualities.
-  Students will examine and apply website testing, publishing, and maintenance concepts.
-  Students will demonstrate the effective use of multimedia.
-  Students will explore advanced web page layout features and concepts.
-  Students will identify, compare and contrast, and use various scripting and mark-up languages used on the internet.
-  Students will demonstrate advanced website development with HTML editors and scalable vector graphics programs.
-  Students will demonstrate an understanding of the use of databases in site development.

**Methods of Instructional Learning:** The instructor will utilize the following methods for meeting learning objectives for the units of the course:

- |   |                             |
|---|-----------------------------|
| 1. Class lecture/discussion/demonstration | 4. Student projects/reports |
| 2. Question/answer                        | 5. Group work               |
| 3. Guest speakers                         | 6. Audio-visual aids        |


#### Grading:

Projects	85%
Final Exam	<u>15%</u>
	100%

#### Required Materials:

1. Three ring binder
2. Notebook paper
3. Pen/pencil

**Textbook Materials:** The basic textbook used in this course will be:

 The Web Collection Revealed, Cengage Learning, 2008 \$64.75

**Software:** We will be using the software/languages: HTML, Java, Adobe Design Suite CS6 (Dreamweaver, Flash, Fireworks, & Photoshop).

\*\*\* Note: Textbooks will not be assigned to individual students. Rather, the student will pick up his/her textbook at the beginning of class from a designated cabinet, and return the book to the cabinet after class. Any student who damages a textbook will be responsible for any and all charges associated with such damage.



**Internet Use:** Because the Internet is a vital part of the curriculum for Business and Computer Science, Internet use is available and used in all courses.

**Make-up Work/Late Work:** Make-up work should be completed before school between 7:50 a.m. – 8:20 a.m., during A/B lunch, or after school by appointment, NOT DURING CLASS. Following an absence, it is the student's responsibility to contact his/her teachers to arrange for make-up work. The contact must be made within one school day of returning. Students are given the same number of days to complete make-up work, as the absence, not including the day of return. Students are allowed to make up work due to an unexcused absence and will receive partial credit of the actual grade. Any project that is made up or turned in late will receive a 20% reduction for each day after the assigned due date. Long-term projects (two or more weeks from the assigned date to the due date) are due on the assigned due date without exception.

**Extra Help:** Extra help is available during A/B lunch each day in Room 434 and after school by appointment. Please do not just “show up” after school without prior notification to the teacher.

**Headphones/iPods/musical or game devices cannot be used in Career Tech classes unless it is part of the course curriculum.**

**Classroom Rules:** Students are expected to follow the rules and regulations that are stated in the Northview High School Student Handbook. Students are expected to:

1. Be on time – **in your seat** when the bell rings.
2. Be prepared – bring supplies to class every day.
3. Stay on task.
4. Be respectful of oneself and others.
5. Leave your work area clean each day – chair pushed under your computer and no paper around the desk/computer.
6. Handle equipment gently. Report any machine problems to the teacher immediately.

**Computer Rules:** Please refer to the “Computer Rules” handout. Any infraction will result in a private detention, and all instances thereafter will be referred to the principal’s office.

**Parent/Teacher Communication:** Communication with parents about academic progress, behavior and/or attendance is welcomed and will be handled by phone, mail, conference, or a combination of these as the need arises. Home Access Center (HAC) is available for the use of all parents in monitoring a student’s academic progress, attendance, or behavior. Please call the main office (770-497-3828) for more information. My email address is [morgank@fultonschools.org](mailto:morgank@fultonschools.org).

**Syllabus Signature Form:** A form stating the parent/guardian has read the syllabus must be returned during the first week of class.



## COMPUTER RULES

**Mrs. Morgan**

- 🖨 Put your FULL NAME, THE DATE, THE PERIOD and ASSIGNMENT NAME/DESCRIPTION on all assignments.
- 🖨 Do not send an assignment to the printer without the above information on it! If you turn in an assignment without this information, it will not be graded.
- 🖨 Do not use a color printer unless I specifically tell you to.
- 🖨 Turn sound OFF! The only time you will be allowed to use sound is if an assignment specifically calls for it, and if you are wearing the classroom designated headphones for the purpose of schoolwork.
- 🖨 No inappropriate websites. This includes GAMES, whether on the 'net or stored on the computer, INSTANT MESSAGING, and MUSIC DOWNLOADING.
- 🖨 No printing anything unrelated to the class. This includes other school assignments. My room is not your personal computer lab and/or print shop. Use the media center!
- 🖨 You may NOT stroll in my room during another class/lunch and ask to use the printer/computers for another class/personal use.
- 🖨 I don't have a problem with you working on other school assignments. However, make sure you are done with my assignment first.
- 🖨 No rolling around the room in chairs!
- 🖨 Make sure chairs are pushed under and books are put away when you are done.
- 🖨 Put everything away 5 minutes before the bell rings. I will tell you when to get off your computers. Do so promptly and quickly.
- 🖨 Do NOT log on as anyone else! Ever!
- 🖨 Do NOT log on to a computer that is not yours! Ever!