



# ADVANCED WEB DESIGN (WEB TEAM) SYLLABUS

## NORTHVIEW HIGH SCHOOL











### FALL 2017

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.

#### Grading:

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

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

**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.

**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.