

WEB DEVELOPMENT COURSE OVERVIEW

Mr. Thompson
mhthompson@crista.net or 206-546-7241

King's High
2013-2014

Course Philosophy:

1. Every one of us is creative: God has made us in His image and He is creative by nature.
2. Creativity is often a collaborative effort: learning to work in teams and groups is critical.
3. We can become more creative: creativity can be developed with time and effort.
4. Learning through real-life application not technical details: fun projects = better learning.
5. Teach resourcefulness: students already are incredibly computer literate and savvy.

Course Objectives:

Students will learn how to create usable Web pages by:

1. Developing proficiency in HTML, and CSS.
2. Developing fluency in the most recent W3C standards.
3. Understanding of how different media formats are used on the Web.
4. Developing an understanding of issues related to Web usability.
5. Becoming more self-sufficient by learning to locate and use tutorials, in-app and online help resources to determine how to accomplish a new task.
6. Exposure to client-side scripting XML, JavaScript and AJAX.
7. Exposure to server-side scripting: PHP.
8. Exposure to databases: MySQL.
9. Discovering their God-given creative talents and abilities ... *ALL* of us are creative!
10. Working in teams and groups ... creativity is often a collaborative effort!

Course structure:

- The course is self-paced.
- For your final project you will design a personal Web site themed as you desire.

Homework Page:

- <http://www.mhthompson.com> and visit the Web Dev page.

Textbook:

- Head First HTML and CSS

Requirements:

- Network login

Grading/Assessment:

- 40% Chapter activities, investigations and explorations
- 40% Term projects
- 10% Class participation and behavior
- 10% Teamwork and contribution

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Classroom Rules:

1. Be in your seat, working on warm-up exercise when the bell rings.
2. Bring homework and all materials to class.
3. Follow directions the first time they are given.
4. Respect your fellow students' right to a quiet & productive learning environment.
5. Mr. Thompson dismisses the class, not the bell or clock.

As always, the school's student conduct expectations are upheld. See the *School Handbook for Parents and Students* for more detail.

Classroom Procedures:

- Computer work
 - Computers are to be used for class projects.
 - No food, gum or drinks around the computers.
 - At class end: log out, push in chairs, and pick up trash.
- Late work
 - NO LATE work will be accepted unless a student has an excused absence.
 - Depending on the number of days of excused absences, students will receive the same number of days to make up the work missed.
 - Students will receive 2 GRACE COUPONS to be used for late homework. The entire day's late homework will be accepted ONE day late only, with one GRACE COUPON attached. Students will self-correct the allowed late homework during individual/group work time in class.
 - Once both GRACE COUPONS are used, late work receives a zero. NO EXCEPTIONS. Each unused GRACE COUPON earns the student 1 point grace on the final test/project.
- Absences and Tardiness
 - The school's absence & tardiness policies are followed. See the *School Handbook for Parents and Students* for more detail.
 - Be responsible - find out what you missed and make it up.
- Use it and lose it
 - Cell phones, iPods, the like ... use it in class without permissions and you lose it for the day.

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Dear Parents and students,

Please review, sign and return this to me by Friday, January 31st.

I believe an important key to your student's success is that the three critical members of this learning team are on the same page. Please feel free to contact me with any questions. Up-to-date contact information is always available on my website <http://www.mhthompson.com>. Thank you for your support and I look forward to a fun and successful year in our Web Development course.

I have reviewed and understand the class overview, rules, procedures and Mr. Thompson's classroom management plan.

Printed student name: _____

Parent: _____ Date: _____

Student: _____ Date: _____

Teacher: _____ Date: _____