

# Web Design & Interactive Websites

(IW35S WD35S – 1 credit)

## Mr. Robson

misterjrobson@gmail.com

@misterjrobson

www.misterjrobson.com

This course will provide students with the skills and knowledge to design, develop, and publish a website to display and gather information. We will use a variety of methods to create different types of websites.

The value of learning to code cannot be overstated. Although seemingly complicated at first, the basics of HTML code can be picked up very quickly, and will give you a good understanding of how a website functions. Once we have the basics, we will look at how sites are constructed and formatted, and learn some basic rules, tools, and tricks that hide underneath the surface of any website. From there, we start to apply stricter rules and write more complex code and add in new elements. We will move on to look at other ways of constructing websites and look at the characteristics that make a site "good." In no time at all, you'll be creating websites from scratch and will have a much better understanding of how they work, how to fix them, and how to customize sites according to the needs of the site owner and the audience.

We will focus on the principles of web design and publishing, from writing valid XHTML & CSS code to proper design of graphics for use on the web, and publishing options and processes.

This course is broken into 4 units:

**Unit 1:** Introduction to the World Wide Web (2 Weeks)

**Unit 2:** Basic HTML/XHTML Coding – (5 Weeks)

**Unit 3:** Basic & Advanced CSS & Other Elements – (5 Weeks)

**Unit 4:** Interactive Sites – Dreamweaver (6 weeks)

*\* timeline and exact content may change to suit student & teacher needs.*

## Evaluation:

There will be a mix of practice exercises and quizzes, along with more in-depth personal projects. In place of a final exam, there will also be a major project, which combines all of the knowledge gained throughout the semester.

Students who miss assignment deadlines will receive a mark of "0" until such a time that the missing work is submitted and graded (with late penalty).

Exercises & simple quizzes:	_____	25%
Unit projects & tests:	_____	50%
Final Project:	_____	25%

### **Important notes:**

- ✎ All students are expected to bring a pair of headphones for every class.
- ✎ Flash drives are not necessary, but a Dropbox or Drive account would be beneficial.
- ✎ Assignments can be revised and resubmitted (with the exception of the final project) but this should always be discussed with and cleared by Mr. Robson.
- ✎ Students & parents should be in the practice of checking or subscribing to Mr. Robson's web site for class information, deadlines, homework, etc.
- ✎ Student login/ID should be kept SECRET and SECURE. Allowing others access to your account can create major problems and should be avoided.
- ✎ NO VIDEO GAMES in Room 213. Ever.

### **Mr. Robson's 3 Golden Rules:**

- ✎ Room 213 is a place to LEARN
- ✎ Room 213 should always be a SAFE place
- ✎ Everyone in room 213 should be cooperative and polite.

### **Expectations:**

- ✎ Students need to arrive on time and ready to work every day.
- ✎ Students are always expected to be active participants in class discussions and exercises.

Students and parents are expected to be kept up to date on marks and missing assignments at all times by visiting <http://ps.sjsd.net>

Students need to be aware of and adhere to the SJSJ Acceptable Use Agreement:

*Access to the Internet provides students with opportunities to utilize interactive tools and sites on public websites that benefit learning, communication and social interaction. Students will be held accountable for the use of any information posted on these sites if it negatively affects others. Teachers may recommend and use public interactive sites that, to the best of their knowledge are legitimate and safe.*

*Because these sites are public all students must use their discretion when accessing information, storing and displaying work on the site. Teachers will provide students with guidance in this area. This applies to St. James-Assiniboia School Division owned devices as well as student owned devices using the St. James-Assiniboia School Division network.*

In Mr. Robson's class, students may be allowed to use personal devices for certain activities, but if the use of personal devices is always at the discretion of the teacher. If allowed in class, they are for educational purposes ONLY. Personal communication or off-topic use is prohibited. Phones & iPods should always be left at home or in a student's locker, unless approved by Mr. Robson, who reserves the right to direct students to put away devices as necessary for the learning environment, or confiscate devices that are improperly used or not put away when directed.

Any attempt to circumvent school division security measures or to access materials deemed inappropriate by the school or school division will result in immediate suspension of computer privileges and possibly other consequences which may include suspension, loss of credit expulsion or even intervention by appropriate authorities.