

I. COURSE DESCRIPTION:

Web Design 1 is a prerequisite for the Advanced Web Design 2 course in the following semester. In Web Design 1 students will learn to develop basic web pages with a focus on photography's role and use in websites.

This course develops an understanding of how web sites work from initial creation to eventual user interaction. A major focus in this course will be to understand and incorporate basic fundamentals to incorporate personal photos, images, sound, animation, and video into basic webpages.

This course will also expose students to the future of web design and its current presence. Web content systems, social media complete with blogging/ tweeting and mobile devices will be discussed and researched in preparation for the following semester.

The student research and presentation project is to enhance the student's communication skills and help prepare the student for outcomes in Web Design 2.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

Upon successful completion of this course, students will demonstrate the ability to:

1 Understand basic web page fundamentals

Potential Elements of the Performance:

- Understand the role of web pages and the current presence
- Understand Internet security and privacy issues
- Understand how the world sees our web pages
- Understand the Internet/Web Page/FTP concept
- Understand multimedia file types and formats
- Understand options for good quality images

2. The Basic Html/Html 5 & Style Sheets

Potential Elements of the Performance:

- Understand the basic tags to create a web page
- Using basic formatting techniques
- Add text, graphics, forms and special features into a web page
- Insert Video/Tables in a web page
- Create a basic web application using HTML/Html 5
- Understand why we use Style Sheets
- Create and upload a very basic site using html5 and style sheets
- Uploading web pages to a server (FTP)

3. Using Application software to create Web Applications

Potential Elements of Performance

- Creating websites using a GUI based Application
- Insert images and other multimedia files
- Insert navigational controls to other webpages and websites.
- Creating basic forms/tables
- Inserting prebuilt scripts and animation sequences
- Formatting your websites for different displays
- Adding security to your website
- Instructor Project.

4. Understanding issues related to Websites

Potential Elements of the Performance:

- How do I get people to my website website?
- Accommodating different Browsers
- Adding login security to your site
- Protection for your images and content
- Quality of your images for quick display
- Leaving Comments or using Guest Books
- Consideration for mobile devices.

5. Student Research and Presentation Project

Potential Elements of the Performance:

- Understand Web Content Systems
- The Difference between Blog sites and Web sites
- The art of tweeting
- Setting up Facebook and what “**Not To Do**”.

III. TOPICS

1. **Web Page Fundamentals**
2. **Web Pages with HTML/HTML5 And Style Sheets**
3. **Application Software for creating Web Sites**
4. **Issues Relating to Web Sites**
5. **Research and Presentaion**

IV. Required Student Resources

On Line Help and Student Resource Files
Internet Research
Lecture Notes and Printed Handouts from Instructor
Web resources from instructor Web Site

V. EVALUATION PROCESS/GRADING SYSTEM

The marks for this course will be arrived as follows:

Lab Assignments

- | | |
|-------------------------------|-----|
| • Assignments | 30% |
| • HTML/HTML5 Project | 20% |
| • GUI Application Project | 20% |
| • Fixing Issues with Websites | 15% |
| • Research/Presentation | 15% |

Some minor modifications to the above percentages may be necessary. The professor reserves the right to adjust the mark up or down 5% based on attendance, participation, leadership, creativity and whether there is an improving trend

The professor reserves the right to adjust the number of tests, practical tests and quizzes based on unforeseen circumstances. The students will be given sufficient notice to any changes and the reasons thereof.

- Successful completion of this course is greatly improved with a disciplined approach and consistent attendance to both the lab and lecture / theory classes.
- Students must complete and pass both the test and assignment portion of the course in order to pass the entire courses.
- All Assignments must be completed satisfactorily to complete the course. Late hand in penalties will be 5% per day. Assignments will not be accepted past one week late unless there are extenuating and legitimate circumstances. It is not acceptable to miss classes and / or labs without a reasonable explanation.
- There will also be a lab exercise each and every week that will be due during that lab period. In the event that it cannot be completed during lab time, you will be allowed to complete it as a homework exercise and demonstrate it the following lab with no penalty.

ATTENDANCE:

Absenteeism will affect a student's ability to succeed in this course.

Absences due to medical or other unavoidable circumstances should be discussed with the professor. Students are required to be in class on time and attendance will be taken within the first five minutes of class. A missed class will result in a penalty in your marks unless you have discussed your absence with the professor as described above. The penalty depends on course hours and will be applied as follows:

Course Hours	Deduction
5 hrs/week (75 hrs)	1% per hour
4 hrs/week (60 hrs)	1.5% per hour
3 hrs/week (45 hrs)	2% per hour
2 hrs/week (30 hrs)	3% per hour

The following semester grades will be assigned to students:

Grade	<u>Definition</u>	<i>Grade Point Equivalent</i>
A+	90 – 100%	4.00
A	80 – 89%	
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% and below	0.00

CR (Credit)	Credit for diploma requirements has been awarded.
S	Satisfactory achievement in field /clinical placement or non-graded subject area.
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.
NR	Grade not reported to Registrar's office.
W	Student has withdrawn from the course without academic penalty.

VI. SPECIAL NOTES:

Attendance:

Sault College is committed to student success. There is a direct correlation between academic performance and class attendance; therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session.

VII. COURSE OUTLINE ADDENDUM:

The provisions contained in the addendum located on the portal form part of this course outline.