



School of Business  
Program: Part time studies  
Option:

**MDIA 3201**  
*Intermediate Cascading Stylesheets (CSS)*

<b>Start Date:</b>		<b>End Date:</b>	
<b>Total Hours:</b> 24	<b>Total Weeks:</b> 6	<b>Term/Level:</b>	<b>Course Credits:</b> 2
<b>Hours/Week:</b> 4	<b>Lecture:</b> Var	<b>Lab:</b> Var	<b>Shop:</b>
			<b>Seminar:</b>
			<b>Other:</b>

**Prerequisites**

Course No.	Course Name
MDIA 1205 or	Publishing on the Internet 1
MDIA 1206	Weaving the Web with Dreamweaver
& MDIA 2205	Publishing on the Internet II

**is a Prerequisite for:**

Course No.	Course Name
MDIA 4304	Advanced CSS
	Completion of the Associate Certificate Program
	Completion of the Certificate Program

**Course Description**

This course is a continuation of the CSS (Cascading Style Sheets) concepts introduced in MDIA 1205/1206 and MDIA 2205. MDIA 3201 will begin with a review of the basic concepts and then move into more complex topics. Page layout, CSS menus, creating a print stylesheet, styling data-tables and forms will be covered. Advanced topics will be covered in a subsequent course.

**Evaluation**

Assignment1	30%	Comments:  Passing Mark 50%
Assignment 2	30%	
Assignment 3	<u>40%</u>	
<b>TOTAL</b>	<b>100%</b>	

**Course Learning Outcomes/Competencies**

Upon successful completion, the student will be able to:

- Create a 2 Column CSS based layout (no tables).
- Create vertical and horizontal CSS based navigation menus.
- Highlight navigation for current page using CSS.
- Create and apply generic link styles.
- Create a print stylesheet
- Add a CSS styled data table and CSS styled form to a website.
- Use CSS best practices to organize and add comments to stylesheet.

**Verification**

I verify that the content of this course outline is current.

Rosemary Dolman	18/01/01
_____ Authoring Instructor	_____ Date

I verify that this course outline has been reviewed.

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Program Head/Chief Instructor

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Date

I verify that this course outline complies with BCIT policy.

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Dean/Associate Dean

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Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.

## Instructor(s)

Rosemary Dolman	Office Location: Off Campus	Office Phone: 250.961.4369
	Office Hrs.: By Appointment	E-mail Address: rodolman@allegrodesign.ca

## Learning Resources

### Required:

This course is offered entirely on the Internet. Students must have:

- Firefox (available from <http://www.mozilla.org/products/firefox/>). (for PC & Mac)
- Internet Explorer 6.0 or better (available from <http://www.microsoft.com/>). (for PC)
- Safari browser (available from <http://www.apple.com/downloads>) (for Mac)
- FTP Client for PC or Macintosh. Links to available software will be provided from within the course documentation.

### Recommended:

## Information for Students

*(Information below can be adapted and supplemented as necessary.)*

The following statements are in accordance with the BCIT Policies 5101, 5102, 5103, and 5104, and their accompanying procedures. To review these policies and procedures, please refer to: [www.bcit.ca/about/administration/policies.shtml](http://www.bcit.ca/about/administration/policies.shtml)

### Attendance/Illness:

In case of illness or other unavoidable cause of absence, the student must communicate as soon as possible with his/her instructor or Program Head or Chief Instructor, indicating the reason for the absence. Prolonged illness of three or more consecutive days must have a BCIT medical certificate sent to the department. Excessive absence may result in failure or immediate withdrawal from the course or program. Please see Policy 5101 — Student Regulations, and accompanying procedures: <http://www.bcit.ca/files/pdf/policies/5101.pdf>

### Academic Misconduct:

Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances are prohibited and will be handled in accordance with Policy 5104 — Academic Integrity and Appeals, and accompanying procedures: <http://www.bcit.ca/files/pdf/policies/5104.pdf>

### Attempts:

Students must successfully complete a course within a maximum of three attempts at the course. Students with two attempts in a single course will be allowed to repeat the course only upon special written permission from the Associate Dean. Students who have not successfully completed a course within three attempts will not be eligible to graduate from their respective program.

### Accommodation:

Any student who may require accommodation from BCIT because of a physical or mental disability should refer to BCIT's Policy on Accommodation for Students with Disabilities (Policy #4501), and contact BCIT's Disability Resource Centre (SW1-2300, 604-451-6963) at the earliest possible time. Requests for accommodation must be made to the Disability Resource Centre, and should not be made to a course instructor or Program area.

Any student who needs special assistance in the event of a medical emergency or building evacuation (either because of a disability or for any other reason) should also promptly inform their course instructor(s) and the Disability Resource Centre of their personal circumstances.

## Assignment Details

**Section 1. Assignment** – Design and create a two or more page website using a “2 column Fixed Width Centered Layout” with Header and Footer. The main navigation will be a vertical menu styled with CSS. Current effect will be shown. Use External Stylesheet. All other links within the website will be styled with CSS. An email link and links to outside websites will be included. Documents are to be hand-coded.

**Section 2. Assignment** – Design and create a minimum two page website - “2 column Fixed Width Centered Layout” with Header and Footer. The main navigation will be a horizontal menu styled with CSS. Current effect will be shown. Use External Stylesheet. All other links within the website will be styled with CSS. An email link and links to outside websites will be included. A separate print stylesheet is required. Use External Stylesheet. Documents are to be hand-coded.

**Section 3. Assignment** – Design and create a minimum two page website - “2 column Fixed Width Centered Layout” with Header and Footer. The main navigation will be a menu styled with CSS. Current effect will be shown. Use External Stylesheet. All other links within the website will be styled with CSS. An email link and links to outside websites will be included. A separate print stylesheet is required. The website will include a CSS-styled data-table and a CSS-styled form. The CSS-styled form will be created without the use of tables. Use External Stylesheet. Documents are to be hand-coded.

Complete assignment requirements will be provided within the course documentation.

**Schedule**

Week of/ Number	Outcome/Material Covered	Reference/ Reading	Assignment	Due Date
1	<p><b>Introduction/Review of Basics</b></p> <ul style="list-style-type: none"> <li>▪ Review IDs and classes</li> <li>▪ Review divs and spans</li> <li>▪ Inheritance and cascading – discuss and explain differences</li> <li>▪ Discuss Font sizing</li> <li>▪ Discuss meaningful and semantic markup</li> <li>▪ CSS validation – list validators</li> <li>▪ Review types of style sheets:                             <ol style="list-style-type: none"> <li>1. External</li> <li>2. Embedded/Internal</li> <li>3. Inline</li> </ol> </li> </ul> <p>Creating your style sheet – structure and commenting.</p>	Unit 1		
1	<p><b>Page Layout and Positioning</b></p> <ul style="list-style-type: none"> <li>▪ Discuss the various types of layouts and reasons for table less design with emphasis on a fixed width centered design.                             <ul style="list-style-type: none"> <li>▪ Fixed layout</li> <li>▪ Floated layout</li> <li>▪ Fluid layout</li> <li>▪ Elastic layout</li> <li>▪ Liquid layout</li> </ul> </li> <li>▪ Learn how to center a design on the page.</li> <li>▪ Discuss browser issues and Box Model problem.</li> </ul>	Unit 2		
2 & 3	<p><b>Styling Links and Building CSS Menus</b></p> <ul style="list-style-type: none"> <li>▪ Styling Navigation with CSS.</li> <li>▪ Using unordered lists.</li> <li>▪ Discuss and show examples of horizontal and vertical menus</li> <li>▪ Using CSS to highlight current page</li> </ul>	Unit 3	Assignment 1	tba
4	<p><b>Styling For Print</b></p> <ul style="list-style-type: none"> <li>▪ Formatting and adding a print style to document.</li> </ul>	Unit 4	Assignment 2	tba

Course Outline  
Intermediate Cascading Stylesheets (CSS) (cont'd.)

Week of/ Number	Outcome/Material Covered	Reference/ Reading	Assignment	Due Date
5	<b>CSS Data Table styling &amp; CSS Form Styling</b> <ul style="list-style-type: none"><li>▪ Discuss and show examples of styling a data table with CSS</li><li>▪ Discuss and show examples of styling a simple vertical form with CSS.</li></ul>	Unit 5		
6			Assignment 3	tba

\* Marks may be deducted as a result of late submission of any assignment. Extenuating circumstances must be discussed with the instructor prior to the assignment due date.