ORIGINAL COURSE IMPLEMENTATION DATE: September 2004
REVISED COURSE IMPLEMENTATION DATE: September 2020
COURSE TO BE REVIEWED (six years after UEC approval): January 2022
Course outline form version: 05/18/2018

OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

Course Code and Number: GD 204	**Number of Credits:** 3 Course credit policy (105)

Course Full Title: Interactive Design II: Web Development for Designers
Course Short Title: Web Development for Designers
(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)

Faculty: Faculty of Humanities	**Department (or program if no department):** Graphic + Digital Design

Calendar Description:

Introduction to designing interactive and responsive pages for the web. Emphasis is on current industry standards and the role of the designer in the development of websites using a professional web-authoring tool within the context of a content management system (CMS).

Note: This course uses tools and technology that vary according to current industry practice.

Prerequisites (or NONE):	GD 157.
Corequisites (if applicable, or NONE):	
Pre/corequisites (if applicable, or NONE):	

Antirequisite Courses *(Cannot be taken for additional credit.)*
Former course code/number:
Cross-listed with:
Dual-listed with:
Equivalent course(s):
(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)

Special Topics *(Double-click on boxes to select.)*
This course is offered with different topics:
☒ No ☐ Yes *(If yes, topic will be recorded when offered.)*

Independent Study
If offered as an Independent Study course, this course may be repeated for further credit: *(If yes, topic will be recorded.)*
☐ No ☐ Yes, ____ repeat(s) ☐ Yes, no limit

Transfer Credit
Transfer credit already exists: *(See **bctransferguide.ca**.)*
☐ No ☒ Yes
Submit outline for (re)articulation:
☐ No ☐ Yes *(If yes, fill in transfer credit form.)*

Typical Structure of Instructional Hours

Lecture/seminar hours	30
Tutorials/workshops	10
Supervised laboratory hours	20
Experiential (field experience, practicum, internship, etc.)	
Supervised online activities	
Other contact hours:	
Total hours	**60**

Labs to be scheduled independent of lecture hours: ☒ No ☐ Yes

Grading System
☒ Letter Grades ☐ Credit/No Credit

Maximum enrolment (for information only): 24

Expected Frequency of Course Offerings:
Annually *(Every semester, Fall only, annually, etc.)*

Department / Program Head or Director: Karin Jager	**Date approved:**	September 2019
Faculty Council approval	**Date approved:**	January 2020
Dean/Associate VP: Jacqueline Nolte	**Date approved:**	January 2020
Campus-Wide Consultation (CWC)	**Date of posting:**	n/a
Undergraduate Education Committee (UEC) approval	**Date of meeting:**	February 28, 2020

Learning Outcomes:

Upon successful completion of this course, students will be able to:
- Employ professional website authoring tools
- Apply HTML5, CSS3, and JavaScript in front-end development
- Develop basic responsive web design (RWD) with the appropriate tools
- Describe the contraints of interactive documents for various online platforms
- Implement appropriate testing strategies for online platforms
- Employ open-source content management system (CMS)
- Visually control text rendering on high resolution screens
- Apply typographic grids and hierarchies for user interfaces
- Create, manage, and modify a website using current web standards

Prior Learning Assessment and Recognition (PLAR)

☒ Yes   ☐ No, PLAR cannot be awarded for this course because

Typical Instructional Methods *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Laboratory instruction, Lecture, Tutorials, Examination of source files, Project and independent study, Audiovisual materials

NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.

Typical Text(s) and Resource Materials *(If more space is required, download Supplemental Texts and Resource Materials form.)*

	Author (surname, initials)	Title (article, book, journal, etc.)	Current ed.	Publisher	Year
1.	Duckett, John	HTML & CSS: Design and Build Websites	☐	John Wiley Sons	2011
2.		Subscription to Lynda.com	☐		
3.	Truong, Donny	Professional Web Typography	☐	E-Book	2016
4.			☐		
5.			☐		

Required Additional Supplies and Materials *(Software, hardware, tools, specialized clothing, etc.)*

Typical Evaluation Methods and Weighting

Final exam:	%	Assignments:	80%	Field experience:	%	Portfolio:	%
Midterm exam:	%	Project:	%	Practicum:	%	Other:	%
Quizzes/tests:	20%	Lab work:	%	Shop work:	%	Total:	100%

Details (if necessary):

Typical Course Content and Topics

Week 1: Introduction to course content: design, composition, and construction of interactive page design. Introduction to projects

Week 2: Introduction to software capabilities and limitations

Week 3: Software navigation and terminology. Introduction to HTML5, CSS3 concepts within web page

Week 4 & 5: Continuation of project work according to graduated outlines in preceding works; composition of simple images and consideration of sound components; implementation of site control; importing 3rd party files; building links within the page

Week 6: Creating and modifying web layouts. Testing / debugging using web developer tools and other online resources.

Week 7 & 8: Design challenges of typography on the web; utilizing text tools and grids in multiple screen resolution.

Week 9 & 10: Scaling web experience for responsive web design (RWD). Explore media queries for various screen sizes.

Week 11 & 12: Continuation of projects and ongoing individual critiques of work based on visual and sensory literacy

Week 13: Presentations and group critique