

COURSE OUTLINE SEARCH

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Search by Course Name or Code



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Course Outline

Course Name: Introduction to Web Development (HTTP 5110)

Academic Period: 2025 - 2026

Faculty:

Faculty Availability:

Associate Dean:

Ahmed Sagarwala
ahmed.sagarwala@humber.ca

Schedule Type Code:



Land Acknowledgement

Humber College is located within the traditional and treaty lands of the Mississaugas of the Credit. Known as Adoobiigok [A-doe-bee-goke], the “Place of the Alders” in Michi Saagiig [Mi-Chee Saw-Geeg] language, the region is uniquely situated along Humber River Watershed, which historically provided an integral connection for Anishinaabe [Ah-nish-nah-bay], Haudenosaunee [Hoeden-no-shownee], and Wendat [Wine-Dot] peoples between the Ontario Lakeshore and the Lake Simcoe/Georgian Bay regions. Now home to people of numerous nations, Adoobiigok continues to provide a vital source of interconnection for all.

Equity, Diversity and Inclusion Statement

Humber College and the University of Guelph-Humber (Humber) are leaders in providing a learning, working and living environment that recognizes and values equity, diversity and inclusion in all its programs and services. Humber commits to reflect the diversity of the communities the College serves. Students, faculty, support and administrative staff feel a sense of belonging and have opportunities to be their authentic selves.

Faculty or Department	Faculty of Media, Creative Arts, and Design
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Co-Requisites	none
Equates	none
Restrictions	none
Credit Value	2
Total Course Hours	21

Developed By:

Prepared By:









Approved by:

Ahmed Sagarwala



Humber Learning Outcomes (HLOs) in this course.

The HLOs are a cross-institutional learning outcomes strategy aimed at equipping Humber graduates with the employability skills, mindsets, and values they need to succeed in the future of work. To explore all the HLOs, please consult the [Humber Learning Outcomes framework](#).

-  Equity, Diversity, Inclusion & Belonging
-  Systems Thinking
-  Critical Thinking
-  Collaboration
-  Communication
-  Digital Fluency
-  Professionalism
-  Strategic Problem-Solving

Course Description

This course will introduce students to the roles and responsibilities of a Web Developer.

Course Rationale

The Web Developer role is a new role that is always changing and in this course we will discuss what the job is and how a Web Developer behaves. We will also explore the skills and the mental models Web Developers need.

Program Outcomes Emphasized in this Course

Web Development (11491)

1. Design, model, implement and optimize accessible* web solutions to meet client requirements and constraints, and align with standards and best practices.

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6. Select and apply strategies for personal and professional development to enhance work performance.

Accreditation Standards

There are no accreditation standards in Web Development.

Course Learning Method(s)

- Action Learning
- Collaborative Learning

Course Learning Outcomes (CLO)

Learning Outcome	Learning Objectives	Summative Assessments	Formative Assessments
Show their programming knowledge by viewing video materials and taking a quiz.	<ul style="list-style-type: none">• Test their programming knowledge by viewing video materials and taking a quiz.	<ul style="list-style-type: none">• Video materials and quizzes.	
Practice using email according to a set of rules.	<ul style="list-style-type: none">• Students will incorporate safe and professional email creation into the practice of communication.	<ul style="list-style-type: none">• Students will use email properly.	
Monitor the time spent on work using a timesheet.	<ul style="list-style-type: none">• Students will evaluate the time they spend on work.• Students will incorporate timekeeping, an industry standard practice, into their work.	<ul style="list-style-type: none">• Timesheet	
Create a Minimum Viable Product (MVP) description from a known source.	<ul style="list-style-type: none">• Students will develop their mental model on what a Web application is.	<ul style="list-style-type: none">• Create an MVP based on a known application.	
Create a simple Web site using HTML and CSS.	<ul style="list-style-type: none">• Students will develop a small Web site based on a standard process that almost all Web sites are built with.	<ul style="list-style-type: none">• Create a simple Web site.	
Discover the navigation system for a complex Web site and create a diagram showing it.	<ul style="list-style-type: none">• Students will discover the navigation system and present it with their team in class.	<ul style="list-style-type: none">• Navigation document.	
Explore the Command Line Interface (CLI) using Linux.	<ul style="list-style-type: none">• Students will work with the Linux CLI.	<ul style="list-style-type: none">• Students will explore the Linux CLI	

Assessment Weighting

Assessment	Weight
Simulation	

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Assessment	Weight
Create an MVP based on a known application.	Satisfactory/Unsatisfactory
Programming Challenge	
Students will explore the Linux CLI	Satisfactory/Unsatisfactory
Website	
Create a simple Web site.	Satisfactory/Unsatisfactory
Quiz	
Video materials and quizzes.	Satisfactory/Unsatisfactory
Work Log	
Timesheet	Satisfactory/Unsatisfactory
Presentation	
Navigation document.	Satisfactory/Unsatisfactory

Modules of Study

Module	Course Learning Outcomes	Resources	Assessments
Introduction to Web development and the Web Development program.	<ul style="list-style-type: none">Monitor the time spent on work using a timesheet.Practice using email according to a set of rules.	Material provided by the professor.	<ul style="list-style-type: none">TimesheetStudents will use email properly.
Working with live Web sites.	<ul style="list-style-type: none">Explore the Command Line Interface (CLI) using Linux.	Material provided by the professor.	<ul style="list-style-type: none">Students will explore the Linux CLI
Introduction to Project Management for Web Development	<ul style="list-style-type: none">Create a Minimum Viable Product (MVP) description from a known source.	Material provided by the professor.	<ul style="list-style-type: none">Create an MVP based on a known application.
The basics of Web computer programming.	<ul style="list-style-type: none">Create a simple Web site using HTML and CSS.	Material provided by the professor.	<ul style="list-style-type: none">Create a simple Web site.

Essential Skills

Section	Skills	Measurement	Details
Communication	<ul style="list-style-type: none">ReadingWriting	Teach and measure	<ul style="list-style-type: none">Students will be exposed to many different elements that a Web Developer must know. In turn students will create those artifacts that a Web Developer creates when doing their job.

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Section	Skills	Measurement	Details
Critical Thinking and Problem-Solving	<ul style="list-style-type: none">AnalysingEvaluating	Teach and measure	<ul style="list-style-type: none">There are many new and innovative ideas that a Web Developer has to understand and evaluate.Students will be exposed to these ideas and will then create artifacts that show their understanding.

Prior Learning Assessment & Recognition (PLAR)

Prior Learning Assessment and Recognition (PLAR) is the formal evaluation and credit-granting process whereby candidates may obtain credits for prior learning. Prior learning includes the knowledge competencies and skills acquired, in both formal and informal ways, outside of post-secondary education. Candidates may have their prior learning evaluated against the course learning outcomes as defined in the course outline.

To find out if this course is eligible for PLAR, and how this learning would be assessed, please contact the Program Coordinator for more details.

Academic Regulations

It is the student's responsibility to be aware of the College Academic Regulations. The Academic Regulations apply to all applicants to Humber and all current students enrolled in any program or course offered by Humber, in any location. Information about academic appeals is found in the [Academic Regulations](#).

Anti-Discrimination Statement

At Humber College, all forms of discrimination and harassment are prohibited. Students and employees have the right to study, live and work in an environment that is free from discrimination and harassment. If you need assistance on concerns related to discrimination and harassment, please contact the [Centre for Human Rights, Equity and Inclusion](#) or the [Office of Student Conduct](#).

Accessible Learning Services

Humber strives to create a welcoming environment for all students where equity, diversity and inclusion are paramount. Accessible Learning Services facilitates equal access for students with disabilities by coordinating academic accommodations and services. Staff in Accessible Learning Services are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. If you require academic accommodations, contact:

Accessible Learning Services

North Campus: (416) 675-6622 X5090
Lakeshore Campus: (416) 675-6622 X3331

Academic Integrity

Academic integrity is essentially honesty in all academic endeavors. Academic integrity requires that students avoid all forms of academic misconduct or dishonesty, including plagiarism, cheating on tests or exams or any misrepresentation of academic accomplishment.

Disclaimer

While every effort is made by the professor/faculty to cover all material listed in the outline, the order, content, and/or evaluation may change in the event of special circumstances (e.g. time constraints due to inclement weather, sickness, college closure, technology/equipment problems or changes, etc.). In any such case, students will be given appropriate notification in writing, with approval from the Senior Dean (or designate) of the Faculty.

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See the [Humber Libraries website](#) for additional information regarding copyright and for details on allowable limits.