HUMBER

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COURSE OUTLINE ACADEMIC YEAR 2015/2016

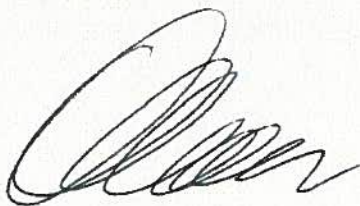| Course Title: Information Architecture			
Course Code: HTTP 5206 (Formerly HTTP 510)	Schedule Type Code:	Credit Value: 3	Class Hours: 3
Programs Web Development		Pre-Requisite(s): HTTP 5102, HTTP 5104	Co-requisite(s): none
Pre-requisite for: HTTP 5301, 5302, 5303, 5304, 5305			
Restrictions:			

Program outcomes emphasized in this course:

Explain the types of business transactions conducted on a commercial website and the process for development of such transactions.

Prepare and present a proposal and a business plan for a commercial website.

Design a full featured functioning commercial website using software programs, including a defined information architecture that is supported by navigation, layout, text and graphics.

Approved By: Associate Dean:

Signature:

Robert Richardson

Date: Dec 18 2015

Course Description

Working in teams students will map out a plan of action to build and launch a complex database driven Web site. Incorporated into this plan will be a requirements document or blueprint that will spell out how the Web site will be built.

Course Rationale

Database-driven websites have a lot of content to manage. At the same time these websites have to have a means of allowing users to go through the content. The basis of this is information architecture. Students in this course will create content plans that sort, categorize, and make available large amounts of content. In this course students will learn about and create navigation and way-finding systems that will allow the website to work to specifications.

Learning Outcomes

Upon successful completion of this course, students will be able to:

Describe the function and benefits of a detailed and intentioned approach to information architecture.

Evaluate existing information architectures and comment on their suitability to purpose, target audience, and business objectives.

Create pre-design priorities, including requirements gathering (as it relates to information architecture, user experience, funcationality and business logic).

Design a clear, usable information architecture from a set of requirements or evaluate and redesign an existing information architecture.

Create basic documentation essential to designing and communicating an information architecture, including: site flows, content catalogues, interface schematics, personas, and a detailed understanding of the target audience.

Describe way-finding systems and their role in web information architecture: especially a it relates to how a web site will or should be used.

Essential Employability Skills

Essential Employability Skills are transferable skills that provide the foundation for a student's academic, vocational, and personal success.

x	Communication	x	Critical Thinking & Problem Solving	x	Interpersonal
	Numeracy	x	Information Management	x	Personal

Learning Resources

Required Resources:

As supplied by the professor.

Supplemental Resources:

As supplied by the professor.

Copyright

Copyright is the exclusive legal right given to a creator to reproduce, publish, sell or distribute his/her work. All members of the Humber community are required to comply with Canadian copyright law which governs the reproduction, use and distribution of copyrighted materials. This means that the copying, use and distribution of copyright- protected materials, regardless of format, is subject to certain limits and restrictions. For example, photocopying or scanning an entire textbook is not allowed, nor is distributing a scanned book.

See the Humber Libraries website (http://library.humber.ca) for additional information regarding copyright and for details on allowable limits.

Learning Delivery Format

Lecture, In class activities, Faculty supervised team meetings

Course Content

UNIT	TOPIC(S)	ASSESSMENTS	RESOURCES
Introduction	Review course outline Introduce the discipline of information architecture	*Content Inventory*	*Course outline on Blackboard*
Sorting and organizing content on a large scale	Classification Informaiton Architecture (IA) and user experience (UX)	*Creating a navigation scheme*	*Lectures will be available on Blackboard*
Creating a sequence that helps the visitor.	Information spaces on the web	*Card Sorting*	*Handouts and step-by-step instruction on Blackboard.*
How to find your way around – on any device.	Navigation on the web: working with responsive design.	*Paper prototyping activity*	
Providing the proper guidance to visitors and users.	Interaction	*Features activity: discussion and planning Web site features.*	
Recap of the semester and preparation for	Midterm review	*Timesheets and draft features*	

UNIT	TOPIC(S)	ASSESSMENTS	RESOURCES
the mid-term exam.		*First assessment of meetings and documentation.*	
Who do you think will be using the Web site?	Personas and understanding who will be using your work.	*Personas*	
Quick and cheap ways to plan the interface.	*Interface design*	*Responsive design and UX activity*	
How the whole project is represented by the requirements document	*User experience and documenting IA*	*Responsive design and UX activity*	
How to use search strategically.	Search	*Final assignments activity*	
Seeing the project as a whole.	Putting it altogether as a user experience	*Final assignments activity*	
What's next for IA and what do professionals do?	Strategic considerations of infromation architecture and profesional practice.	*Final assignments activity*	
	Final review	*Prepare the requirements documents.*	
	Presentation Rehearsals	*Final requirements documents due*	

UNIT	TOPIC(S)	ASSESSMENTS	RESOURCES
	Final presentations	*Final presentation and timesheets due.* *Final assessment of meetings and documentation.*	

Please note: this course schedule may change as resources and circumstances require.

Please read Humber's academic calendar at
http://www.humber.ca/admissions/academic-calendar **for important dates.**

Student Evaluations

Draft features documents	15	
In class work	20	
Timesheet 1, 2	10	
Team functional spec 1, 2	35	(Both PHP and ASP.net)
Final Presentation	20	
Total	100	

School Specific Field:

It is the student's responsibility to retain course outlines for possible future use in support of applications for transfer credit to other educational institutions.

Post-graduate Certificate Students:
In addition to meeting all program specific course and credit requirements, students must have a
Cumulative Program Grade Point Average (CPGPA) of ≥ 60 in order to be eligible for graduation.

Policies and Procedures

It is the student's responsibility to be aware of the College Academic Regulations which can be found on the following website: http://www.humber.ca/academic-regulations

The program handbook is available on Blackboard. If you cannot find it please contact the program coordinator. It is your responsibility to read, understand, and follow the program handbook.

Late work

This is a post-graduate level course and it is expected that all work should be handed in on time. If for any reason this is not possible, it is your responsibility to anticipate and discuss the matter with your professor. Medical cases which may interfere with deadlines usually require confirmation in writing from a health care professional. Late work is normally subject to a 5% (five per cent) per day penalty and a zero grade after 10 days. Late will work will be accepted solely by arrangement and at the discretion of the professor.

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.

Academic Concern/Appeals

If a student has questions or concerns regarding a grade on an assignment or test, the student should discuss the matter with the faculty member. The Program Co-ordinator and/or the Associate Dean may be asked to assist if the faculty member and student are unable to resolve issues. For additional information please refer to Section 13 of College's Academic Complaint and Appeal Policy at the web site identified above.

Prior Learning Assessment Recognition (PLAR)

Course credits may be granted in recognition of prior learning, and that Application for Consideration is made through the Office of the Registrar at
http://www.humber.ca/plar/docs/pla.pdf.
Each course outline must indicate method(s) of assessment.

Challenge Exam	Portfolio	Skills Test	Interview	Other (Specify)	Not Available For PLAR
					X

Disability Services

Humber seeks to create a welcoming environment where equity, diversity and safety of all groups are fundamental. Humber is dedicated to providing equal access to students with disabilities. The Disability Services staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. If you require academic accommodations, contact:

Disability Services: http://www.humber.ca/disabilityservices/

North Campus: (416) 675-6622 X5180
Lakeshore Campus: (416) 675-6622 X3265

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 Dean (or designate) of the School.

Appendix

Essential Employability Skills (MTCU Requirements)	Graduates of the program reliably demonstrate the ability to:
Communication	
Reading	1. communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience 2. respond to written, spoken, or visual messages in a manner that ensures effective communication
Writing	
Speaking	
Listening	
Presenting	
Numeracy	
Understanding and Applying Mathematical Concepts and Reasoning	3. execute mathematical operations accurately
Analysing and using Numerical Data	
Conceptualizing	
Critical Thinking & Problem Solving	
Analysing	4. apply a systematic approach to solve problems 5. use a variety of thinking skills to anticipate and solve problems
Synthesising	
Evaluating	
Decision-Making	
Creative and Innovative Thinking	
Information Management	
Gathering and managing information	

Essential Employability Skills (MTCU Requirements)	Graduates of the program reliably demonstrate the ability to:
Selecting and using appropriate tools and technology for a task or project	6. locate, select, organize and document information using appropriate technology and information systems
Computer literacy	7. analyse, evaluate and apply relevant information for a variety of sources
Internet skills	
Interpersonal	
Teamwork	8. show respect for the diverse opinions, values, belief systems n and contributions of others
Relationship management	
Conflict resolution	9. interact with others in groups or teams in ways that contribute to the effect working relationships and the achievement of goals
Leadership	
Networking	
Personal	
Managing self	10. manage the use of time and other resources to complete projects
Managing change and being flexible and adaptable	11. take responsibility for one's actions, decisions, and consequences
Engaging in reflective practice	
Demonstrating personal responsibility	