

Course Outline

WMDD 4840: Content Management Systems

Course Format:	Mixed Mode (Summer 2020: Online)
Time	Monday 930-1220
Location	B014
Credits: 3	Transfer Credit: For information, visit bctransferguide.ca
Instructor:	Kevin McMillan
Office Hours	Monday 815-915
Office:	A248
Phone:	604 323 5941
Email:	kmcmillan@langara.ca

Course Description

Students will build, design, and manage common content management systems, including writing content, customizing themes, installing security patches, updates, modules, and themes.

Learning Outcomes:

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

- install a Content Management System (CMS) framework on a production web server
- configure a local testing environment with the same CMS
- evaluate, install and configure appropriate CMS themes, modules, widgets, and plugins
- create content, media, menu structures, and content types
- create and restore data and system backups
- identify and implement appropriate security and anti-spam measures (user accounts, permissions, patches, etc.)
- customize themes
- write basic themes

Textbook and Course Materials:

There is no textbook for this class.

Information will be provided via URLs to LinkedIn Learning and other video sources, as well as to other online sources. These can be found on my teaching site: <http://wrmf.ca>.

Assessments

Lab Exercises: 20%

Midterm: 15%

Quizzes: 15%

Main Assignment: 30%

Final Exam: 20%

Course Schedule:

Week 1 May 04	CMS Theory & WordPress Installation Local testing environment / Post Editing Environment / Media / .com vs .org
Week 2 May 11	Basic Content Types Posts / Pages / Permalinks / Settings / Customizer / Galleries Categories / Tags / Menus / Backup & Replication
Week 3 May 18	Victoria Day Holiday: College closed.
Week 4 May 25	Themes / Plugins / Users / Backup / Transfer to Live Server / Security
Week 5 June 01	Midterm Exam will involve setting up a site, configuring themes & plugins, and some CSS.
Week 6 June 08	Theming 1 WP Template Hierarchy / The Loop / Basic Template Tags
Week 7 June 15	Theming 2 functions.php: menus / enqueueing scripts & styles
Week 8 June 22	Theming 3 Conditions / DRY principles / SASS
Week 9 June 29	Theming 4 WP_Query: custom & multiple loops
Week 10 July 06	Theming 5 JS in WP
Week 11 July 13	Theming 6 Extending WP with Custom Fields & Custom Post Types
Week 12 July 20	Theming 7 Security
Week 13 July 27	Project Work Day / Review Session

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

[E1003 - Student Code of Conduct](#)

[F1004 - Code of Academic Conduct](#)

[E2008 - Academic Standing - Academic Probation and Academic Suspension](#)

[E2006 - Appeal of Final Grade](#)

[F1002 - Concerns about Instruction](#)

[E2011 - Withdrawal from Courses](#)

Departmental/Course Policies:

Attendance: To do well in this course, you need to attend all classes. If you miss a class, you are responsible for catching up with the material.

Course Progress: If you find that you are getting behind with the material, get in touch with me as soon as possible.

Course Site: I will use my teaching site (<http://wrmf.ca>) as a repository for handouts and supplemental materials, as well as updates to this outline.

Deadlines: Assignments will be accepted at most 24 hours late, with 20% penalty.

Quizzes: Unless a medical note is presented, a missed quiz will receive a mark of 0. There is no opportunity for rewrites. If a medical note is presented, the mark will be prorated.

Questions: Please bring up general questions about the course material or assignments in class. If you wish to discuss your own work, please see me during my scheduled office hours.

Class Cancellation: If I am ill, I will email the class and have the cancellation posted on MyLangara.

Cheating and Plagiarism: Cheating on exams or submitting work that you did not **wholly** create is grounds for college disciplinary action.

This will range from, at minimum, a failing grade on the assignment up to expulsion from the college.

Grading:

These percentages are the metrics I will use for assigning letter grades.

A+	90% – 100%	B+	76 – 79%	C+	64 – 67%	D	50 – 54%
A	85 – 90%	B	72 – 75%	C	60 – 63%	F	< 50%
A-	80 – 84%	B-	68 – 71%	C-	55– 59%		