

## Course Outline

### WMDD 4840: Content Management Systems

**Course Format:** Monday 930-1220 B014

**Credits:** 3 **Transfer Credit:** For information, visit [bctransferguide.ca](http://bctransferguide.ca)

**Instructor:** Kevin McMillan

**Office Hours** Monday 930-1230

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### 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 Lynda.com 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: 15%

Midterm: 20%

Quizzes: 15%

Main Assignment: 30%

Final Exam: 20%

## Course Schedule:

<b>Week 1</b> May 06	<b>Intro to Content Management / Basic Content Types</b> Local testing environment / Content Types / Media / .com vs .org / Gutenberg
<b>Week 2</b> May 13	<b>WP Site Configuration 1</b> Posts / Pages / Permalinks / Settings / Customizer / Galleries Categories / Tags / Menus / Classic Editor
<b>Week 3</b> May 20	<b>Victoria Day Holiday</b> College closed.
<b>Week 4</b> May 27	<b>WP Site Configuration 2</b> Themes / Plugins / Users / Backup / Security / Quiz No 1
<b>Week 5</b> June 03	<b>Moving a Site</b> Live site to live site / Dev Site to Live Site / Quiz No 2 (Security)
<b>Week 6</b> June 10	<b>Midterm</b> Exam will involve setting up a site, configuring themes & plugins, and some CSS.
<b>Week 7</b> June 17	<b>Introduction to Theming</b> WP Template Hierarchy / The Loop / Basic Template Tags / get_template_part
<b>Week 8</b> June 24	<b>Introduction to Underscores (_s) Starter Theme</b> functions.php: menus / enqueueing scripts, styles
<b>Week 9</b> July 01	<b>Canada Day Holiday</b> College closed.
<b>Week 10</b> July 08	<b>Underscores 2</b> DRY / Underscores SASS / Conditions
<b>Week 11</b> July 15	<b>Underscores 3: Multiple Loops</b> wp_query / Conditions pt 2
<b>Week 12</b> July 22	<b>Underscores 4: Extending WP</b> Custom Post Types / Custom Fields
<b>Week 13</b> July 29	<b>Exam Review or Word Day</b> Final Exam will involve theme writing using _s.

**EXAM PERIOD is Aug 06 – 17: exact date of WMDD4840 exam will be announced by registrar's office later in the term.**

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 metric I will use for assigning letter grades.**

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