CS 2033

Multimedia & Communications II

INTRODUCTION

About the instructor

- Bryan Sarlo
- Office: MC room 361
- Email: bsarlo@uwo.ca
  - Include CS2033 in subject line
  - I'm usually quick to respond on weekdays, not so much on weekends.

Course format

- ▶ Blended course
    - ▶ Mostly online
    - ▶ Labs and final exam will be in-person, if the university allows us to return to campus during the term.
- ▶ Lectures are pre-recorded videos that you can watch anytime during the week. There will not be Zoom sessions for lectures.

Course format

- ▶ The TAs and I will hold consulting hours on Zoom, but not this week.
- ▶ More info will be posted in the next week or so.
- ▶ There are also Forums for asking questions, but do not share your own work on there!

About this course

- More advanced than CS1033.
- You will be learning more code instead of using programs.
- Don't be scared off.
- You won't be expected to re-create Google or Facebook!
- You'll learn it step by step from the very basics.

Lecture topics

- Advanced Photo Editing
  - Selections and masks
  - Clipping masks
  - Gradient masks
  - Retouching pictures
  - Cloning objects in pictures
  - Recolouring and image effects

Lecture topics

- ▶ Website development
  - ▶ HTML
  - ▶ CSS
  - ▶ JavaScript
  - ▶ Web forms
  - ▶ Input handling
  - ▶ Parallax, ScrollFire, etc.

Lecture topics

- Website libraries / platforms
  - jQuery
  - Bootstrap
  - WordPress

Textbook

▶ There is no required textbook

▶ It may be helpful to brush up on topics from CS1033.

▶ My textbook is a good reference and also gives information about some of the advanced topics in this course.

▶ Check out the book here

Software

- ▶ Affinity Photo will be used for Labs 1-2 and Assignment 2.
    - ▶ If you bought it for CS1033, you are already fine.
    - ▶ Otherwise, you may need to buy it now. Follow the steps in the FAQs tab on our OWL site.
- ▶ Brackets is a free program for website coding: http://brackets.io/

Refresher of CS1033 topics

- You should be familiar with:
  - Binary numbers and filesize units
  - Digitization of analog data
  - Design principles
  - Colour codes (hex and RGB)
  - Colour models (CMYK vs RGB)
  - Image resolution and pixel size
  - Affinity/Photoshop basics

Refresher of CS1033 topics

- You should be familiar with:
  - Absolute vs relative paths
  - HTML filename rules
  - Website folder structure rules
  - Using FTP (i.e. FileZilla or WinSCP)
  - Different element types (paragraph, headings 1-6, image, lists, table, etc.)

Refresher of CS1033 topics

- ▶ Other CS1033 topics that aren't as important for this course:
  - ▶ Animated GIFs
  - ▶ Video
  - ▶ Audio
  - ▶ Compression of audio/video
  - ▶ History of multimedia

Grade breakdown

- Labs 9% (9 worth 1% each)
- Assignments 42% (6%, 12%, 12%, 12%)
- Quizzes 9% (3 worth 3% each)
- Final Exam 40%

NOTE: To pass, you must obtain at least 45% on the final exam and an average of at least 45% between the 4 assignments

Labs

- There are 9 weekly labs starting next week (Jan. 17th)

- For now, they are online and asynchronous, so you can do them any time during the week and submit the files by Friday at 6pm of that week.

- If you need help with a lab, please contact your TA by email or in their office hours, or ask in the Forums.

Labs

- If we return to campus during the term, labs will be strictly in-person which means you will have to attend your designated lab and do the work at that time.

- More info will be posted on OWL at that time, if we do return to campus.

Labs

- If you are unable to complete a lab on time, contact your academic counsellor about it or submit an SRA (self-reported absence) online.

- After that, follow up with me by email. I will then give you a week extension to complete the lab.

- Without accommodations, I cannot give extensions.

Assignments

- Asst 1 (6%) – Restaurant Theme
- Asst 2 (12%) – Restaurant Menu
- Asst 3 (12%) – Restaurant Website
- Asst 4 (12%) – Business Website

- Specific details about the assignments will come.

Assignments

- Assignments will be submitted in 2 steps:
  - Uploading the file(s) to your Gaul web area in a specific folder
  - Posting the link and/or other info about the assignment on OWL.
- Late penalty of 15% per day will be applied. Submissions more than 2 days late will not be accepted.

Assignments

- If you require an extension for a valid reason (i.e. sickness), contact your academic counsellor or submit an SRA.
- Follow up with me by email to work out a reasonable extension.
  - SRA: 48 hours
  - Counsellor: depends on counsellor's recommended timeline

Assignments

- The TAs will mark based on the rubric I create. Note that most requirements will be given on OWL but some may **only** be said in class.

- If you are unhappy with your assignment grade, you may request a remark but I will mark the entire assignment and my mark will be final (even if it's lower ☹).

Quizzes

- 3 quizzes, each worth 3%.
- They'll be on OWL (whether we return to campus or not, they are online).
- You may refer to your notes or Google while doing the quiz.
- Some questions will make you think outside the box. Some questions will be tricky.

Quizzes

- The quizzes will be on:
    - January 31
    - March 7
    - April 4
- They are open from 9:30am to 11:30am on those days, but once you start, you have 30 minutes to complete it. They are **linear** so you cannot go backwards.

Quizzes

- If you are unable to complete a quiz for a valid reason (i.e. sickness), contact your counsellor or submit an SRA and follow up with me.

- There will be **no** extensions or make-up quizzes. Instead, the weight will be pushed to your final exam (ONLY if you have accommodations).

- Forgetting or missing a quiz without accommodations will be a 0.

Final Exam

- 2 hour exam, worth 40% of grade.
- All multiple choice and true/false.
- Including content from lectures (except this one ☺) and from labs.
- Take notes while watching the lecture videos for studying.
- More details later in the term.

Expectations

- If you are confused about any lecture topics, ask me about it after class, in office hours, or by email.

- For common questions and issues, I will try to post announcements or make a FAQ page on OWL. Have a look at announcements/resources on OWL before asking me questions about your assignments.

Accommodations

- This is repeated from previous slides.
- If you have a valid reason to miss a lab, quiz, or assignment deadline, contact your department's academic counsellors or submit an SRA, and then follow up with me.
- I cannot handle accommodations directly – you must do it through counselling or SRAs.

Accommodations

- You must follow up with me asap after the initial accommodation request. If I don't hear from you, I can't do anything.

- Once approved by counselling, I will grant you an extension (for labs or assignments) or re-weight your exam (for quizzes).

OWL

- OWL is the main place for anything related to this course.

- Lectures, labs, quizzes, assignments, announcements, and other useful information will be posted here.

- Check OWL and Western email daily to stay up to date!

- owl.uwo.ca