

CS 2033

# Multimedia & Communications II

INTRODUCTION

# About the instructor

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

# Course format

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- ▶ 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

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- ▶ 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

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- ▶ 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 recreate Google or Facebook!
- ▶ You'll learn it step by step from the very basics.

# Lecture topics

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



# Lecture topics

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

# Lecture topics

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- ▶ Website libraries / platforms
  - ▶ jQuery
  - ▶ Bootstrap
  - ▶ WordPress



# Textbook

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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

# Grade breakdown

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- ▶ 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



- ▶ There are 9 weekly labs starting next week (Jan. 17<sup>th</sup>)
- ▶ 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.

- ▶ 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.

- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- 20 questions each*
- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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 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](http://owl.uwo.ca)