CS 2033

Multimedia & Communications II

LECTURE 1 - INTRODUCTION

1

About the instructor

2

- 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.

About the instructor

3

- Office Hours: Mondays 1-3pm
- Some weeks I will have to cancel or postpone office hours due to running labs for another course.
  - Probably the next 2 weeks ☹
- I can also meet at other times by appointment.

How about you?

4

- How many of you are in:
  - Computer Science?
  - BMOS?
  - FIMS?
- How many had CS1033 with me?
- How many are excited to learn more about multimedia?

About this course

5

- More advanced than CS1033.
- You will be learning more code instead of just 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.

Lecture topics

6

- Advanced Photoshop techniques
  - Selections and masks
  - Clipping masks
  - Retouching pictures
  - Cloning objects in pictures
  - Recolouring and image effects

Lecture topics 7

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

Lecture topics 8

- ► Website libraries / platforms
  - ► jQuery
  - ► Bootstrap
  - ► WordPress
  - ► Shopify / Volusion

Textbook 9

- ► 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 10

- ► Affinity Photo will be used for 2-3 labs and assignment 1 only.
  - ► Use NCB-105 when it is available (late evenings and weekends)
  - ► Buy it if you'd like but not necessary!
- ► Brackets is a free program for website coding.
  - ► http://brackets.io/

Refresher of CS1033 topics 11

- ► 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 12

- ► 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 13

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

Grade breakdown 14

- ▶ Labs   9% (lowest dropped)
- ▶ Assignments   45% (total)
  - ▶ 1   10%
  - ▶ 2   15%
  - ▶ 3   20%
- ▶ Quizzes   6% (3 worth 2% each)
- ▶ Final Exam   40%

NOTE: You must have at least 45% between the final exam and assignment 3 to pass the course.

Labs 15

- ▶ Labs begin next week (Jan. 13th).
- ▶ There are 10 labs, and the lowest one is dropped (total of 9%).
- ▶ They are mandatory! You must sign the attendance sheet and show your work to the TA at the end.
- ▶ Do **NOT** go to a different lab section even if you cannot make it your own section.

Labs 16

- ▶ Do **NOT** complete the lab prior to your designated time slot.
- ▶ Work on it throughout your 2 hour slot. If you are working, you will get the mark even if it's not quite done.
- ▶ **EXCEPTION**: For Lab 1 **ONLY**, you may work on it on your own time this week during any 2033 lab slot.
  - ▶ NCB-105 schedule

Labs 17

- ▶ If you have a valid reason to miss one of your labs, 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 on your own time.

Assignments 18

- ▶ Assignment 1 (10%) – DVD Cover
- ▶ Assignment 2 (15%) – Website
- ▶ Assignment 3 (20%) – Business Site

- ▶ Specific details about the assignments will come.

Assignments 19

- TAs will hold consulting hours around assignment deadlines.
- Assignments will be submitted on OWL and instructions will be given.
- Late penalty of 15% per day will be applied. Submissions more than 2 days late will not be accepted.

Assignments 20

- 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 ☹).

Assignments 21

- If you require an extension for a valid reason (i.e. ailment), 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

Quizzes 22

- 3 quizzes, each worth 2%.
- They'll be on OWL and open for a couple full days.
- You may refer to your notes or Google while doing the quiz.
- Some questions will make you think outside the box.
- More details in the coming weeks.

Quizzes 23

- If you are unable to complete a quiz for a valid reason (i.e. ailment), 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.
- Forgetting or missing a quiz without accommodations will be a 0.

Final Exam 24

- 2 hour exam, worth 40% of grade.
- All multiple choice and true/false.
- Including content from lectures (except this one ☺) and from labs.
- Keep notes during lectures for studying. I often drop hints about possible exam questions!
- More details later in the term.

Expectations

25

- ▶ Come to class and take notes. I may omit certain details in the slides so you will have to pay attention in class.
- ▶ Do not talk to one another during class as that is disruptive.
- ▶ Avoid talking/texting/social media on your phones/laptops during class.

Expectations

26

- ▶ 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

27

- ▶ 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

28

- ▶ 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

29

- ▶ 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

Closing remarks

30

- ▶ That's all for today.
- ▶ Remember labs are NOT on this week. They will begin next week.
- ▶ See you next Monday!