


CS 1033A


MULTIMEDIA & COMMUNICATIONS

1


Overview of today's class



INTRODUCING ME, YOU,
AND THE COURSE ITSELF



LEARNING OUTCOMES
AND REQUIREMENTS





COURSE SCHEDULE AND
IMPORTANT DATES

Slide 2 of 33

2

Introducing us (the instructors)

<p>Laura Reid Section 200 Office: MC 416 Email: lreid2@uwo.ca</p>	<p>Bryan Sarlo Section 201 Office: MC 349 Email: bsarlo@uwo.ca</p>
	

Slide 3 of 33

3

Contacting us

- Both Laura and Bryan have weekly office hours (see syllabus for days/times).
- Our TAs will have consulting hours only on the weeks when assignments are due.
- The best way to communicate is by email. Please include CS 1033 in the subject line and use your Western email address.

Slide 4 of 33

4

Introducing you (the students)

- How many of you are:
 - In 1st year?
 - Not in 1st year?
 - In MIT?
 - In BMOS?
 - In CS?
 - Excited for this course?



Slide 5 of 33

5

Introducing you (the students)

- How many of you have used:
 - Photo editing software (i.e. Photoshop)?
 - Web building software?
 - FTP / SFTP?
 - Animation building software?
 - Audio editing software (i.e. Audacity)?
 - Video editing software (i.e. iMovie)?



Slide 6 of 33

6

What is this course about?

- **Multimedia**
 - Combining media (text, images, audio, video, etc.)
- **Communications**
 - How do computers work and communicate with each other?
 - How do we reach our intended audience?

Slide 7 of 33

7

Lecture topics

- Text and graphics
- How computers work
- Website design
- Animation
- Video
- Audio

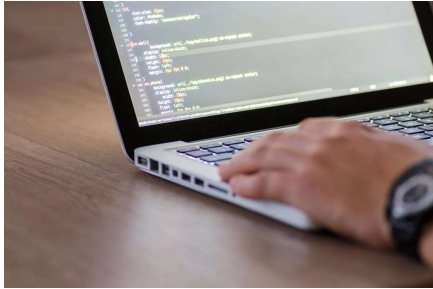


Slide 8 of 33

8

Lab topics – 10 Labs

- SFTP (1)
- Affinity Photo (2)
- HTML5 Editor (3)
- PowerPoint animation (2)
- Shotcut video editing (1)
- Audacity audio editing (1)



Slide 9 of 33

9

Learning outcomes (part 1)

- Apply the 4 basic design principles in order to create an effective and eye pleasing design.
- Sample and quantize different forms of analog data to convert it to digital data.
- Understand how compression affects different forms of data and how it helps us decide how we represent the data.
- Explain how the internet is represented, how data travels across it and how websites are represented on it.

Slide 10 of 33

10

Learning outcomes (part 2)

- Describe the algorithm Google uses when searching and the other considerations it takes into account when performing a search.
- Describe how animation, video and audio are represented on a computer.
- Create and manipulate images and animation using PowerPoint.
- Create and edit video clips and audio clips.
- Create webpages that include text, images, video, animations and audio without using template based web building software.

Slide 11 of 33

11

Textbook

- This is a recommended textbook.
- It was written specifically for this course!
- Lots of review questions and helpful examples and diagrams.
- Cost is about \$40 CAD.
- Digital book only.



<https://he.kendalhunt.com/product/multimedia-and-communication>

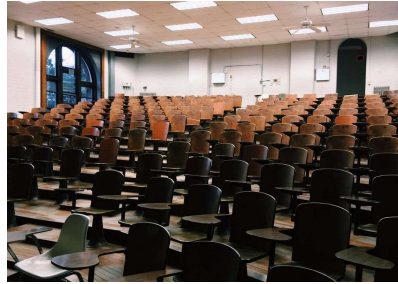


Slide 12 of 33

12

Course structure

- Lectures
 - Pre-recorded videos you can watch whenever and wherever.
 - 10 weeks worth of videos
- In-person (blended) classes
 - Roughly every 2 weeks.
 - We'll go through demonstrations, exercises, and review questions.



Slide 13 of 33

13

13

Course structure – blended classes

Class	Section 200	Section 201
Blended 1 <small>(Reviews weeks 1&2)</small>	Wednesday Sept 16	Friday Sept 18
Blended 2 <small>(Reviews weeks 3&4)</small>	Wednesday Oct 7	Friday Oct 9
Blended 3 <small>(Reviews weeks 5&6)</small>	Wednesday Oct 28	Friday Oct 30
Blended 4 <small>(Reviews weeks 7&8)</small>	Wednesday Nov 11	Friday Nov 13
Blended 5 <small>(Reviews weeks 9&10)</small>	Wednesday Nov 25	Friday Nov 27
	<i>7pm-9pm in MC-110</i>	<i>11:30am-1:30pm in SSC-2050</i>

Slide 14 of 33

14

14

Evaluation

Assessment Type	Weight	Notes
Integrity/Organizational Quiz	1%	Unlocks content
Quizzes (5)	8%	Best 4 of 5 (2% each)
Labs (10)	8%	Best 8 of 10 (1% each)
Assignments (3)	43%	Weights are 8%, 15%, and 20%
Final Exam	40%	Covering topics from whole course

Slide 15 of 33

15

15

Evaluation – Integrity/organizational quiz

- Open now and must be completed in January.
- About the course outline and academic integrity policies.
- In Brightspace > Assessments > Quizzes.
- Open-book and unlimited attempts.
- Must get at least 90% on the quiz.
- The weekly content will be locked until you complete this quiz.

Slide 16 of 33

16

16

Evaluation – Quizzes

- Roughly every 2 weeks on the weeks we don't have class.
- Can do it from anywhere but only during the class time.
- 30 minutes from when you start or until the class time ends.
- Covers topics from previous 2 weeks' lecture videos.
- Multiple choice, fill in the blanks, matching questions.

Slide 17 of 33

17

17

Evaluation – Quizzes

Quiz	Section 200	Section 201
Quiz 1	Wednesday Sept 23	Friday Sept 25
Quiz 2	Wednesday Oct 21	Friday Oct 23
Quiz 3	Wednesday Nov 4	Friday Nov 6
Quiz 4	Wednesday Nov 18	Friday Nov 20
Quiz 5	Wednesday Dec 2	Friday Dec 4
	<i>Open 7pm-9pm</i>	<i>Open 11:30am-1:30pm</i>

Slide 18 of 33

18

18

Evaluation – Labs

- Weekly in-person hands-on work in a computer lab.
- Start the week of Sept 21-25
- You **MUST** attend the section in which you are registered – NO EXCEPTIONS!
- Do not do the lab work before your scheduled session.
- You must show up, do the work in the lab, and show the TA.

Slide 19 of 33

19

19

Evaluation – 3 Assignments

- **Poster Assignment:** create a poster with given information.
- **Web Assignment:** create a website with given information.
- **Major Assignment:** create a website with an animation and video about anything that relates to: [Western Campus](#).

Slide 20 of 33

20

20

Evaluation – Assignments

- Assignments will be peer marked.
- You will **need** to subscribe to Kritik.io (about \$22) but wait 1-2 weeks until we send you an email invitation to register.
- You will have to mark 5-6 other students for each assignment.
- Part of your assignment grade will come from the peer marking.

Slide 21 of 33

21

21

Evaluation – Assignments

- Peer marking is not perfect but there are systems in place to help make it as fair as possible.
- It helps you learn the material better and prepare for other assignments, quizzes, and the final exam.
- It teaches you to give and receive feedback.
- Rubrics are clear and available early.

Slide 22 of 33

22

22

Evaluation – Assignments

Assignment	Creation Due*	Peer Marking Due	Feedback Due
Poster	Friday, Oct 22	Oct 27-29	Oct 30
Web	Friday, Nov 13	Nov 17-19	Nov 20
Major	Thursday, Dec 3	Dec 7-9	Dec 10

* Assignment creations can be submitted up to 3 days late and then will **NOT** be accepted anymore. Once peer marking begins, assignments cannot be submitted or modified.

Slide 23 of 33

23

23

Evaluation – Assignments

- Late assignment penalties are normally 15% per day late.
- You are given 3 late coupons for this course.
- Each late coupon waives the penalty for 1 late day.
- You can decide how many to use on each assignment but once they run out, they do not replenish, and late penalties will be applied to any late submissions.

Slide 24 of 33

24

24

Evaluation – Assignments

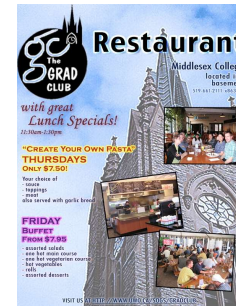
- You still must submit by 3 days after the assignment's due date. This is a **FIRM** cutoff and assignments submitted or modified after this point will be given a mark of zero (0%).
- We will post a Qualtrics form during the assignment's due period. You **MUST** indicate your desired number of late coupons to use in that form. They will **NOT** be automatically applied.
- In Brightspace, go to the [Useful Stuff](#) section for more info.

Slide 25 of 33

25

Evaluation – Assignments (First Assignment)

Examples of a previous poster assignment:



Slide 26 of 33

26

Evaluation – Assignments (Second Assignment)

Example of a previous web assignment:



Slide 27 of 33

27

Evaluation – Assignments (Third Assignment)

Example of a previous major assignment:



Slide 28 of 33

28

Evaluation – Final exam

- The final exam contains about 150 questions.
- They are multiple choice and true/false.
- Covers material from lecture videos, labs, and assignments.
- The university will schedule the exam; it will be in the exam period April 12-30. Details should be available in 1-2 months.

Slide 29 of 33

29

29

Evaluation – Grade requirements

- Weighted average between [final exam](#) and [major assignment](#) must be at least 45% to pass the course.
- [Final exam](#) mark must be at least 35% to pass the course.
- [Final exam](#) mark must be at least 45% to get over 59% in the course.
- Your mark may be reduced if you do not meet the requirements.

Slide 30 of 33

30

30

What do I need?

- In Owl>Useful Stuff>Useful Links & FAQs>Useful Links to get:
 - WinSCP (Windows) / Filezilla (Macs - Client Version) - free to download
 - Brackets
 - Affinity By Canva- free
 - HTML5 Editor - free in-browser app
 - Shotcut / iMovie - free to download
 - Kritik - \$22 subscription
- ALL software is available in MC230 & MC240 to work on campus

Slide 31 of 33

31

31

Next steps

- Read the course outline.
- Complete the integrity/organizational quiz.
- Watch the Week 1 and Week 2 videos ASAP.
- Mark your calendars with the important dates we discussed.
- Don't worry about Kritik yet!

Slide 32 of 33

32

32

Any Questions?

Some final thoughts on using AI in this course:

- The real value of this course comes from doing the work yourself. Every assignment is a chance to build skills, prepare for the final exam, and make your investment in education pay off. Shortcuts won't grow your knowledge—effort will.
- If you let a robot do all the work, guess who's ready for the exam? The robot. Don't let that happen—be smarter than the bot!

See you all NEXT week in this class, watch the Week 1 and Week 2 lecture videos BEFORE next week's class!