

Please look at the course syllabus in OWL (owl.uwo.ca).

Computer Science 1033

WELCOME TO MULTIMEDIA & COMMUNICATIONS

A vision of students today

"Education: Being able to differentiate between what you do know and what you don't. It's knowing where to go to find out what you need to know; and it's knowing how to use the information once you get it." → William Feather

Overview of Today's Topics

- Introduction to the lecturer and let's find out about you!
- Introduction to the course
- What will you need to purchase
- Go over course outline
- Visit the course website:
 - <http://owl.uwo.ca>
- Closing Remarks

LOTS OF VALUABLE INFORMATION

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Introduction to the Lecturer

- Monday Night Class
 - Instructor: Laura K. Reid
 - Email: lreid@csd.uwo.ca
 - Office: Middlesex College Room 416 (hard to find, you need to use the south stairs or the south elevator)
 - Office Hours:
 - Mondays 2:00pm – 3:00pm
 - Tuesdays 1:30pm – 2:30pm
 - Other available by email appointment
- The best way to contact me is via email:
 - Make sure you put CS1033 in the subject line.
 - Email me with your @uwo.ca account.
 - I may email the entire class sometimes, check your UWO email at least every 72 hours.
 - NOTE: I don't always check email on Saturday and Sunday.

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Introduction to YOU

- How many of you are:
 - In first year?
 - In MIT?
 - In BMOS?
 - In Computer Science?
 - In second, third or fourth year?
- How did you hear about this course?
 - From a friend or relative
 - From a counsellor
 - Read about it in the calendar or on the web

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Introduction to YOU

- How many of you have used:
 - Affinity?
 - Web building software?
 - FTP?
 - Animation building software?
 - Sound editing software (like Audacity)?
 - Movie making software (like iMovie)?
- **DON'T WORRY! REMEMBER:** I am assuming you don't know any of the above software!




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Introduction to the Course

- What is this course all about?
 - Communication on the world wide web!
 - What to communicate → up to you
 - How to communicate → up to you but with some guidance from me

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Communications	Multimedia
<ul style="list-style-type: none"> • Convey thoughts • Exchange Ideas <ul style="list-style-type: none"> ◦ Make sure you are: <ul style="list-style-type: none"> • Articulate • Clear • Easy to understand 	<ul style="list-style-type: none"> • How to do I put those thoughts on the Internet? <ul style="list-style-type: none"> ◦ Text ◦ Images ◦ Video ◦ Sound ◦ Animation



Communication on the Web

Learning Outcomes

- Upon completion of this course, you should be able to:
 - 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 to 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
 - 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

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What will I learn?

<ul style="list-style-type: none"> • LECTURES → Multimedia Components <ul style="list-style-type: none"> ◦ Text ◦ Graphics ◦ Animation ◦ Video ◦ Sound 	<ul style="list-style-type: none"> • LABS (10 labs) → <ul style="list-style-type: none"> ◦ File Transfer (1) ◦ Affinity (2) ◦ BlueGriffon(3) ◦ PowerPoint Animation(2) ◦ Audacity (1) ◦ Shotcut and integration (1)
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What do you need to purchase?

- Digital Textbook write course!
- Costs just around \$3
- It contains more in-d topics taught in class, review questions after
- Purchase book here: <https://he.kendallhuntand-communication>



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What do you need to purchase?

- Lecture notes are available on the website
- Software is available in MC230 and NCB105 (perhaps MC235 also....SORT OF!)
- Following software is free:
 - **Shotcut**
 - **Audacity**
 - **SFTP Software** (WinSCP is available from ITS, Mac users can use Fugu or Filezilla)
 - **BlueGriffin**

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What will I need?

- Affinity Photo Software (70 dollars): <https://affinity.serif.com/en-gb/photo/#buy>
 - I have emailed them to ask about a student rate (student rate is 42 dollars) More info here: <http://www.csd.uwo.ca/~lreid/cs1033/affinity/studentpurchases/westernu.pdf>
- MC230 and NCB105 have Affinity Photo
- Free 7 day trial version
- Middlesex College labs are open 24/7 as long as there is no lab being conducted in them. You need your student card to get into the building and into the lab rooms. (North entrance of the building)

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Let's go over the Course Outline

- READ THE COURSE OUTLINE, it is a contract between you and me!
- Lectures
- Quiz → worth 1% of final grade (based on syllabus and your understanding of when to email me ☺)
- Labs → worth 9% of final grade
- Assignments:
 - Poster Assignment → 10 %
 - Web Assignment → 18 %
 - Major Assignment → 22 %
- Exam → worth 40%

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Consulting

- Both professors have office hours
- Each of our 7 teaching assistants must consult 1 hour a week during assignments, thus, there are over 7 hours a week of extra help if you need it (only the week the assignments are due)
- Consulting by teaching assistants is done in MC16A, check announcements, then please notify me if the t.a. is missing!
- Consulting hours are posted on the door of the room and on the cs1033 website.

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Lectures

- Make sure you come to classes, notes may be incomplete ON PURPOSE
- We (both you and I) expect "civility" in the use of/with respect to:

- Laptops
- Cell Phones
- Punctuality
- Class Discussion/Noise Levels
- Emails
 - Checking
 - Subject heading

• "Helping" on assignments is fine and ENCOURAGED, "Copy/Paste" is not fine!

• Asking/hiring others to do your assignment OR being paid to do someone else's work are forms of plagiarism and will be reported to your Dean.



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Labs

- Always bring a memory stick to your lab! Labs 8, 9 and 10 bring headphones.
- Need your student card to open the door to the labs in Middlesex College
- Lab attendance is mandatory
- You MUST attend the lab you registered for, you may NOT switch labs during the term.
- Labs 1-10 are worth 1% each
- Lab marks add up to 10, you will get either 9% or the total of all your lab marks, whichever is lower.
- Your lab mark will be updated every week in Owl by your teaching assistant.
- You can not make up a lab, that is why we mark it out of 9 rather than 10, so you have a bit of wiggle room in case you are sick one week!

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Labs continued...

- Remember to ALWAYS sign the TA's attendance sheets! It is up to you to make sure that your attendance was recorded so you get the mark.
- You MUST do the lab during the 2 hour lab period. DON'T come to the lab with it already completed.
- If you are trying/working hard, you will get the 1%, if you are playing on your phone the whole lab, you will NOT get the 1% even if you show up.
- If you attended and completed a lab but your mark isn't updated within a week, contact the TA to ask about the missing mark. Don't wait until the end of term to ask about missing marks.

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Labs continued...

- A strike out in the gradebook in owl is just to show that we drop your lowest mark

1	1	1	1	1	4
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- I only teach this course, I have nothing to do with enrollment so I can NOT switch your lab for you.
- SELF – REPORTING: NOTE: you still have to do the lab on your own time if you self report or get accommodations from your counsellor.

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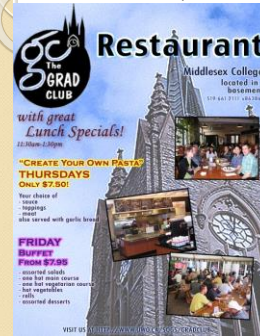
Assignments

- **Poster Assignment** → Design a poster for a given scenario (Affinity) (10%)
- **Web Assignment** → Design a website for a given scenario (BlueGriffon & Affinity) (18%)
- **Major Assignment** → Design a website about **Western** (BlueGriffon, Affinity, PowerPoint, Shotcut) (22%)
- Here are some examples from previous years...

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Previous Poster Assignments

Create a poster for The Grad Club Pub at Western



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Previous Poster Assignments

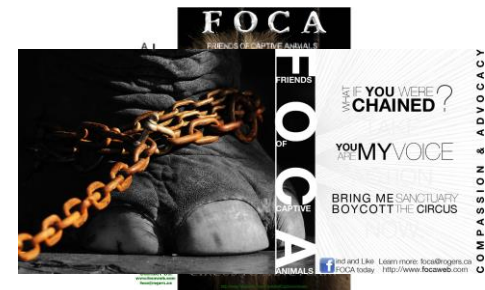
Create a poster for the Computer Science Department



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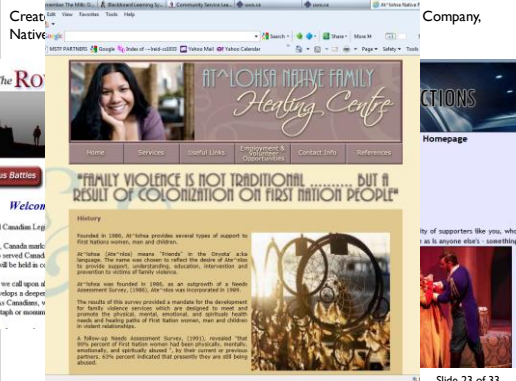
Previous Poster Assignments

Community Engaged Learning →

<http://www.success.uwo.ca/experience/curricular/index.html>

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Previous Web Assignments



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Previous Major Assignments

Design an online resume website, or a website about **Western**:

Major Assignment Continued...

- Had to contain video and animation, here are some samples from previous years:



<http://www.csd.uwo.ca/~lreid/AnimationExamples/flashbasketball.swf>
<http://www.csd.uwo.ca/~lreid/AnimationExamples/welcome.swf>
<http://www.csd.uwo.ca/~lreid/AnimationExamples/freighttrain.swf>
<http://www.csd.uwo.ca/~lreid/AnimationExamples/puggie2.swf>
<http://www.csd.uwo.ca/~lreid/AnimationExamples>

<http://www.csd.uwo.ca/~lreid/cs1033/samplemajor>

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Assignments

- Students will lose 15% off the assignments grade for each day it is late. Thus an assignment that is 2 days late and was marked at 85% would receive 55%
- No assignments more than 3 days late will be accepted
- Saturday and Sunday count as 1 day
- **NO EXTENSIONS WILL BE GIVEN FOR ASSIGNMENTS** unless instructed by the student's academic counsellor or you **SELF REPORT**.
 - If you Self Report you get a 48 hour extension from the original due date.

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Handing in Your Assignments

- You will be using OWL to submit your assignment online
- OWL records the date and time you hand in the assignment. Even 1 minute late is LATE ☹
- You will get an email from OWL when your assignment has been received. **SAVE THIS EMAIL!**
- The teaching assistant will return your assignment mark breakdown sheet to you via OWL (it will be an **.xls** document) after he/she has marked your assignment. **READ YOUR MARK BREAKDOWN SHEET**

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Handing in Your Assignments

- The T.A.s will try to get assignment back to you 1 week from the last possible day to hand in the assignment to mark it.
- Remarks are for the **ENTIRE** assignment, not just the section you request.
 - I do **ALL** remarks.
 - You have **2 weeks** to read over the mark breakdown and get back to me if you feel the t.a. made a mistake (NOTE: Some marks in this course are subjective!)
 - NOTE: I often mark harder than the t.a.s, think wisely about asking for a remark ☺
- **THERE IS NO PAPER USED IN THIS COURSE!**

Exam

- There is only a final exam in this course, no midterm
- Final Exam is about 150 multiple choice and true or false questions...LOTS OF MEMORIZATION REQUIRED
- Worth 40% of final mark
- Final exam mark combined with the major assignment mark must be over 45% to pass the course.
- Must get over 45% on the final exam to get over a 59% in the course and over 30% to pass the course.
- See your Academic Counsellor in your Dean's office if you can not attend the exam, **DO NOT SEE ME**, I can't do anything about final exams!
- Exam is automatically checked for cheating, **DON'T CHEAT!**

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Quiz (worth 1%)

- Based on everything I said tonight and the course outline (available tomorrow!).
 - Sample questions:
 1. *If I miss my lab, I can just go to another lab to make it up.*
 - A. True
 - B. False
 2. *The professor can switch my lab for me.*
 - A. True
 - B. False
- You get 3 tries only, you must get over 90% to get the 1%. (12 questions → need to get 11 or 12 correct)
- You have till the end of **THIS** month to do the quiz. **Don't forget to complete it.**

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Let's Look At The Website

- **Course Website** (announcements, lab information) → <http://owl.uwo.ca>

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Learning Skills Services
 Student Development Centre
 Room 4100 WSSB | 519-661-2183 | learning@uwo.ca | sdc.uwo.ca/learning

Western Student Experience


PAL Centre
 Drop-In Assistance
 WSSB 4139
 Opens September 19th
 Mon-Fri 10:30-3:30


- ✓ General Learning Skills
- ✓ Science
- ✓ MKOS/Business
- ✓ Math/Physics

Presentations
 FREE presentations on learning topics
 Details at: sdc.uwo.ca/learning
 Topics Include:
 Preparing for & Writing Multiple-choice Tests
 Optimize Lecture Learning
 Effective Textbook Strategies
 Manage Test Stress
 And more...


Individual Counselling
 One-on-one Learning Skills appointment
 Call 519-661-2183
 Meet with a Learning Skills Counsellor and discuss strategies to succeed in courses. This service is for all students: successful students wanting to strengthen their skills and those having academic difficulties.

Online Services
www.sdc.uwo.ca/learning
 Printable calendars and handouts
 Self-assessment checklists
 Subscription to email newsletters
 @LSSatWestern


PEER ASSISTED LEARNING CENTRE

- ✓ Connect with trained Learning Peers
- ✓ Deepen your subject-area knowledge
- ✓ Develop effective learning strategies
- ✓ Collaborate with fellow students
- ✓ Enjoy a welcoming learning environment



DROP IN!
 No appointment required
 Open Monday-Friday, 10:30-3:30
Learning Skills Services
 STUDENT DEVELOPMENT CENTRE
WSSB Room 4139
sdc.uwo.ca/learning
 Western Student Experience

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To Prepare for Lab I

- Click on this link TODAY (this will make sure a folder gets created NOW that you need for Lab I)
 - https://wts.uwo.ca/services/web/activate_my_personal_web_space.html (Activate My Personal Web Space)

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Some advice to do well in this course:

- Prepare for (read over before the lab) and attend all your labs
- Attend lectures
- Do all your assignments, especially the last one
- The final exam is mostly memorization, review your notes every week.
- Then you have an excellent chance of doing very well in this course ☺



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Closing Remarks:



- ANY QUESTIONS?
- For next week:
 - READ THE COURSE OUTLINE CAREFULLY
 - Do the quiz in OWL! – remember you get 3 tries!
 - Print off/read over the lecture notes and bring them to class (Do it on the Monday Afternoon)
 - Remember labs are cancelled for this week, the first lab starts NEXT WEEK.
- Using PowerPoint this year for our animations, here are some inspirations:

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