CP102 Information Processing with Microcomputer Systems

Course Personnel:

Mark Petrick – Lecture Instructor
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Rick Henderson – Lab Instructor
Office: N2091
Email: rhenderson@wlu.ca
Who am I?

From here:
Who am I?

I am a CAS member that has taught here,

Lakehead University

here,

University of Waterloo

and here

Laurier

Canadian Excellence
Who am I?

Worked in industry

Worked in government

Now I mainly teach.
Who am I?

Background – Computer Science
Research: morphing algorithms on planar graph drawings
Where did I start?
Where did I start?

- 1 Mhz CPU
- 8 kilobytes RAM
- 9 inch screen
- Monochrome green
- Weighs 50 pounds
- $1200
Who am I?

Why computers?
Who am I?

Why computers? For games of course!

* Open for challenges
Lectures & Labs

CP102 A – Mon & Wed 4:00 – 5:20pm (BA201)
CP102 B – Mon, Wed & Fri 8:30 – 9:20am (BA201)

- 405 + 405 = 810 students

Can I switch sections?
- DO NOT TRY
- When you de-register from the course, someone may take your spot
- It is okay to show up to lectures for either section

Are there labs this week?
- No – Labs start Sept 16
Lectures & Labs

I missed my lab, can I go to another one?

- Always try to go to your scheduled lab
- In general, there will not be space if you show up to a lab you are not registered in and you may be asked to leave.
- Each lab has a quiz or task to do (worth marks) so they are well attended.

Can I use a Mac?

- Yes. We are using a different package from previous terms which is hopefully more Mac friendly.
CP102 - Textbook

- SAM Access Code
- Cengage / Nelson Canada
- ISBN: 9781285727004
- $120

You should only buy this from the WLU Bookstore!

- Used texts and texts from other sources will not include the SAM Access Code required for labs.
- New textbook from a different publisher than previous terms.
Can I buy an old edition of the textbook?
Can I buy a text from a friend who took the course in previous terms?
- Not recommended!
- Different content
- Different publisher
- Will not contain “the SAM code”

Labs start Sept 16 (next week).
You should have the SAM Access code for your first lab.
CP102 – Breakdown of Marks

40% Lab Work & Assignments
15% Midterm 1 (Saturday Oct 19 at 10 – 11:20 am)
15% Midterm 2 (Saturday Nov 9 at 10 – 11:20 am)
30% Final Exam (during the exam period)

- If you have a conflict with the exam times, let me know ASAP
- Students must pass the weighted average of exams to pass the course.
- Exams: multiple choice (midterms~75 questions, final 135-150)
- You are allowed a 1 sided handwritten cheat sheet for midterms;
- 2 sided (or two 1 sided) handwritten cheat sheets for the final.
CP102 – Missing an exam

Sick for an exam?

- We require a Doctor’s Note and will most likely move the weight to the final exam.
CP102 – Lectures & Labs

2 separate parts to the course:

Lectures & Exams
- Questions? Talk to me – Mark Petrick

Labs & Assignments
- Questions? Talk to Rick Henderson
  - Labs include:  
    - 20% Live Assignments
    - 16% Lab Tasks
    - 4% Lab Quiz
  - 5 Assignments provided through MyLearningSpace
  - Lab Tasks & Quiz must be completed during lab hour
  - Missed components will be graded with 0
- Late assignments will not be accepted!
CP102 – Mark Disputes

Graded components (lab tasks, quizzes, assignments & exams)

- Marks will be posted to MyLearningSpace
- Exams – within 1 week of exam date
- Assignments – within 2 weeks of assignment deadline

It is the responsibility of the student to ensure all grades are posted and accurate in MyLearningSpace.

- No grade? Contact your Instructional Assistant immediately

Remark Requests

- Due within 2 weeks of posting grades
- May only review midterms for 2 weeks after posting grades
- No changes or reviews after 2 weeks
In order to pass the course,

- Calculated mark must be a passing grade
- AND must meet ALL the following course requirements.

**Course Requirements**

- Must pass the weighted average of midterm and final exams.
- Must complete at least 3 of 5 assignments for term work.
- Lab attendance is mandatory.
  You must complete at least 9 of 11 labs.

Failure to meet any of the above requirements will result in a final grade of F.
CP102 – Academic Integrity

http://www.wlu.ca/academicintegrity

You are responsibly for familiarizing yourself with the academic misconduct and penalty guidelines.

Ignorance of WLU policy is not a defense.

Penalties are severe and enforced at all times!

- 0 on offending component
- Notation on transcript
- Additional penalty to final grade – 10%
- Possible suspension or expulsion
How often do we catch students?
How often do we catch students?
• Every term!

Important things to remember:
• No group work is allowed.
• All answers must be in your own words.
• Copying answers (even definitions) word for word from a textbook or website is plagiarism.
• Talking during exams is prohibited.
• Looking at someone else’s exam or cheat sheet is prohibited.
What content does CP102 cover?

- All chapters from the textbook (Chapters 1 - 12)
- Some lectures may be designed to help you in your labs & assignments (that are not chapters from the text)
- For example, basics of HTML for creating a webpage

Assignments cover practical use of business application software: Word, Excel, Access, PowerPoint, HTML

Lectures cover more general knowledge and information.
A look at what’s to come

- Technology
- Computers – Hardware (the parts you can touch)
  - Software: Word Processing
    Spreadsheets
    Databases
  - System Software: the operating system
- Programming - HTML
- Networking – routers, switches hubs, cables, etc
- Internet – how it works, protocols, technologies, HTML
Textbook Chapter Overview

Chapter 1: Computers and Digital Basics
Chapter 2: Computer Hardware
Chapter 3: Software
Chapter 4: Operating System and File Management
Chapter 5: Local Area Networks
Chapter 6: The Internet
Chapter 7: The Web and E-mail
Chapter 8: Digital Media
Chapter 9: The Computer Industry: History, Careers and Ethics
Chapter 10: Information Systems Analysis and Design
Chapter 11: Databases
Chapter 12: Computer Programming
Still Interested?

See you next class!