



**DEPARTMENT OF SCIENCE
COURSE OUTLINE – WINTER 2014
CS2020 ALL SECTIONS: TECHNOLOGY TOOLS FOR
TEACHING AND LEARNING-3 (1.5-0-3)**

INSTRUCTORS:

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OFFICE HOURS: TBA or By Appointment

PREREQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS:

- i) Teachers Discovering Computers: Integrating Technology
And Digital Media in the Classroom (7th) by Shelly, Cashman, Gunter and Gunter
- ii) USB Flash Memory Stick
- iii) Headphone or earphones with a USB or standard 3.5mm plug

CALENDAR DESCRIPTION:

This course will provide education students with the basic skills for using the most common information technology tools currently applied in schools. The type of tools includes Internet tools, digital media processing, multimedia/hypermedia presentations, spreadsheets, and database. The course offers a number of advanced modules dealing with more complex topics in these areas plus additional tools such as those for editing digital video and sound

CREDIT/CONTACT HOURS: 3 credits/1.5 hours lecture and 3 hours lab per week

DELIVERY MODE(S):

This course includes 1.5-hour lecture and 3-hour lab per week

TRANSFERABILITY:

UA, UC*, UL, AU, AUC.

* Consult Alberta Transfer Guide

Students receiving grade of D or D+ will receive GPRC credit. These grades may not be acceptable for transfer to other institutions.

EVALUATIONS:

Your final grade will be determined in the following manner:

Lab Assignments	33%
Mid Term	29 %
Final Exam	38%

GRADING CRITERIA:

Your final Alpha Grade will be determined using the following approximate percentage conversion:

GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A⁺	4.0	95 – 100	EXCELLENT
A	4.0	90 – 94	
A⁻	3.7	85 – 89	FIRST CLASS STANDING
B⁺	3.3	80 – 84	
B	3.0	75 – 79	GOOD
B⁻	2.7	70 – 74	
C⁺	2.3	66 – 69	SATISFACTORY
C	2.0	62 – 65	
C⁻	1.7	58 – 61	
D⁺	1.3	55 – 57	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

STUDENT RESPONSIBILITIES:

Students are responsible for all lecture material, labs and readings. If the midterm is missed due to illness the weight will be put on the final. If the final is missed due to illness it will be deferred (refer to www.gprc.ab.ca for timelines). A doctor's note and a phone message or email will be required in both cases. Labs should be done in your scheduled lab. If you cannot attend your lab for legitimate reasons, email your lab instructors and make arrangement to complete the lab during the current week.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to www.gprc.ab.ca for details of GPRC's policy regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week 1	Introduction
Week 2	Chapter 1
Week 3	Chapters 1-2
Week 4	Chapter 2
Week 5	Chapter 3
Week 6	Chapter 4
Week 7	Chapter 4
Week 8	Midterm
Week 9	Midterm Review and Chapter 5
Week 10	Chapter 5
Week 11	Chapter 6
Week 12	Chapter 7
Week 13	Chapter 8
Week 14	Review