



**DEPARTMENT OF SCIENCE
COURSE OUTLINE – FALL 2013
CS2020: TECHNOLOGY TOOLS FOR TEACHING AND
LEARNING-3 (1.5-0-3)**

INSTRUCTOR:

Phone Office email

David Gregg (780) 539-2976 C427 dgregg@gprc.ab.ca

OFFICE HOURS: TBA or By Appointment

PREREQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS:

- i) Teachers Discovering Computers: Integrating Technology In A Connected World (7th) by Shelly, 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 hour lab per week

DELIVERY MODE(S):

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

Lectures: **A2 E301 Thursday 11:30 – 12:50**
 VC Distance Delivery (Same Time)

Labs: **L1 A305 Friday 14:30 – 17:20**
 VC Distance Delivery (Same Time)

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.

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

EVALUATIONS:

Your final grade will be determined in the following manner:

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

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.

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