



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

**INSTRUCTORS:**

	Phone	Office	email
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**OFFICE HOURS:** TBA or By Appointment

**PREREQUISITE:** None

**REQUIRED TEXT/RESOURCE MATERIALS:**

- i) Teachers Discovering Computers: Integrating Technology In A Connected World (7<sup>th</sup>) by Shelly, Gunter and Gunter
  
- ii) Microsoft Office 2010: Introductory by Shelly/Vermaat

**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:	<b>A3</b>	<b>D308</b>	<b>Monday</b>	<b>10:00 – 11:20</b>
	<b>C3</b>	<b>D308</b>	<b>Monday</b>	<b>11:30 – 12:50</b>

Labs:	<b>L1</b>	<b>A307</b>	<b>Tuesday</b>	<b>14:30 – 17:20</b>
	<b>L2</b>	<b>A313</b>	<b>Wednesday</b>	<b>14:30 – 17:20</b>
	<b>L3</b>	<b>A307</b>	<b>Thursday</b>	<b>14:30 – 17:20</b>
	<b>L4</b>	<b>A305</b>	<b>Friday</b>	<b>14:30 – 17:20</b>

**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:

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

**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](http://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](http://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:**

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