



**DEPARTMENT OF SCIENCE  
COURSE OUTLINE – FALL 2015  
CS2020—TECHNOLOGY TOOLS FOR TEACHING AND  
LEARNING-3 (1.5-0-3) UT**

**INSTRUCTOR:** David Gregg      **PHONE:** (780) 539-2976  
**OFFICE:** C427      **E-MAIL:** dgregg@gprc.ab.ca

**OFFICE HOURS:** TBA and by appointment

**DELIVERY MODE(S):**

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

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

Labs:                **L1    A307   Friday    14:30 – 17:20**  
                         **VC    Distance Delivery    (Same Time)**

**PREREQUISITE:**        None

**REQUIRED TEXT/RESOURCE MATERIALS:**

- i) *Teachers Discovering Computers: Integrating Technology in a Changing World* (8<sup>th</sup>) by Gunter and Gunter, ISBN: 978-1-285-84543-2
- ii) 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

## **LEARNING OUTCOMES:**

Students will be proficient with common information technology tools and will be able to integrate appropriate technology into school curriculum.

## **COURSE OBJECTIVES:**

Students will gain hands-on experience using information technology, with an emphasis on strategies for integrating technology into the school curriculum.

## **COURSE SCHEDULE/TENTATIVE TIMELINE:**

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

## EVALUATIONS:

Your final grade will be determined in the following manner:

Lab Assignments	33%
Midterm Exam	29 %
Final Exam	38%

**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>90 – 100</b>	<b>EXCELLENT</b>
<b>A</b>	<b>4.0</b>	<b>85 – 89</b>	
<b>A<sup>-</sup></b>	<b>3.7</b>	<b>80 – 84</b>	<b>FIRST CLASS STANDING</b>
<b>B<sup>+</sup></b>	<b>3.3</b>	<b>77 – 79</b>	
<b>B</b>	<b>3.0</b>	<b>73 – 76</b>	<b>GOOD</b>
<b>B<sup>-</sup></b>	<b>2.7</b>	<b>70 – 72</b>	
<b>C<sup>+</sup></b>	<b>2.3</b>	<b>67 – 69</b>	<b>SATISFACTORY</b>
<b>C</b>	<b>2.0</b>	<b>63 – 66</b>	
<b>C<sup>-</sup></b>	<b>1.7</b>	<b>60 – 62</b>	
<b>D<sup>+</sup></b>	<b>1.3</b>	<b>55 – 59</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>

## **STUDENT RESPONSIBILITIES:**

Refer to the College Policy on Student Rights and Responsibilities at [www.gprc.ab.ca/d/STUDENTRIGHTSRESPONSIBILITIES](http://www.gprc.ab.ca/d/STUDENTRIGHTSRESPONSIBILITIES)

## **STATEMENT ON PLAGIARISM AND CHEATING:**

Refer to the College Student Misconduct: Academic and Non-Academic Policy at [www.gprc.ab.ca/d/STUDENTMISCONDUCT](http://www.gprc.ab.ca/d/STUDENTMISCONDUCT)

\*\*Note: all Academic and Administrative policies are available at [www.gprc.ab.ca/about/administration/policies/](http://www.gprc.ab.ca/about/administration/policies/)

## ***UNIVERSITY TRANSFER:***

**\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability.**

Please refer to the Alberta Transfer guide for current transfer agreements:

[www.transferalberta.ca](http://www.transferalberta.ca)