Reedley College

Fall 2015

1/11/16 – 5/23/16

## Course: **IS 15 COMPUTER CONCEPTS 56684 -** **Syllabus**

## Class meets: Online

Instructor: David L. Atencio - BA Computer Science, MBA

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Office Hours: To be announced

Text Books and Study Material: Concepts and Office 2013

Online: ISBN-13: 978-1285088457

1. **Course Description and Information:**

This Information Systems course is taught on-line, and provides an introduction to computer and information systems concepts and terminology, an overview of hardware, and software (systems and applications including word processing, spreadsheet, database,  presentation and programming), the history of the microcomputer, privacy and legal issues, and telecommunications (email and Internet).

Much in Information Systems industry require a great deal of attention to detail and critical thinking skills to succeed, therefore much in this course will require you to *demonstrate* attention to detail and the ability to read and understand instructions. Students will benefit greatly by collaborating with others in the course.

1. **Course Learning Objectives and Outcomes:**

**Objectives:**

* 1. Understand the computer’s potential, its strengths, and limitations.
  2. Recognize the functional elements of the hardware and know how to use the basic elements of the Windows operating system and selected utility programs.
  3. Skillfully use four general applications – word processing, spreadsheet, database, and presentation.
  4. Identify the major contributors and developments of the microcomputer.
  5. Explore privacy and legal issues.
  6. Demonstrate how to use email and the internet.

**Outcomes:**

* 1. Apply the appropriate computer expertise in completing tasks using software to successfully address a specific business need.
  2. Perform basic operations using the essential computer hardware and software configurations.
  3. Create basic word processing documents, spreadsheets, database files and reports, and presentations.
  4. Name some of the pioneers of the microcomputer, software and hardware manufacturers.
  5. Read basic computer related literature with sufficient vocabulary development to understand the material.
  6. Understand the privacy and legal concerns that are unique to the use of computer technology.
  7. Access the Internet for research, email and other forms of communication.

1. **Attendance:** Attendance is required and I use discussion board topics in place of taking role. I may drop you if you have more than three consecutive unexcused, discussion board topics.
2. **Policies:** If on campus: Campus code requires that shoes or sandals and appropriate attire be worn at all times on Eating, drinking, and smoking is not allowed in the classroom or computer labs. Cell phone must be turned off or in the silence mode while class is in session. A student will be subject to discipline if she or he:

* Prevents other students from pursuing their authorized curricular or co-curricular interests.
* Interferes with or disputes faculty and administrators who are fulfilling their professional responsibilities.
* Prevents classified employees from fulfilling their prescribed duties.
* Deliberately endangers the safety of persons or the security of college property.
* Violates Reedley College computers and networks usage policy.

1. **Academic Dishonesty:** Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly obtained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors.

* **Plagiarism:** Plagiarism is the adoption or reproduction of the ideas or words or statements of another person without due acknowledgment. This can range from borrowing without [attribution](http://en.wikipedia.org/wiki/Attribution) a particularly apt phrase, to paraphrasing someone else's original idea without citation, to wholesale [contract cheating](http://en.wikipedia.org/wiki/Contract_cheating). When plagiarizing, students will often turn to the [Internet](http://en.wikipedia.org/wiki/Internet), due the ease of [copying and pasting](http://en.wikipedia.org/wiki/Copying_and_pasting) from websites. Other more old fashioned forms of plagiarism such as [paper mills](http://en.wikipedia.org/wiki/Essay_mill) and passing off obscure articles or chapters of books of others as original work also still occur. Plagiarized papers are often riddled with gross inconsistencies such as referencing non-existent sections of the essay, changes in spelling and grammar customs, or the argument changing in mid-paragraph.
* **Cheating:** Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers in an attempt to gain an unearned academic advantage. Cheating can take the form of [crib notes](http://en.wikipedia.org/wiki/Cheat_sheet), looking over someone's shoulder during an exam, or any forbidden sharing of information between students regarding an exam or exercise. Also, the storing of information in graphing calculators, pagers, cell phones, and other electronic devices has cropped up since the information revolution began.

Academic dishonesty in any form is a very serious offense and will incur serious consequences. Incidents of cheating and plagiarism may result in a variety of sanctions and penalties, which may range from a failing grade on a particular examination, paper, project, or assignment in question to a failing grade in the course at the discretion of the instructor and depending upon the severity and frequency of the incidents.

1. **Accommodations for students with disabilities**: If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act please contact me as soon as possible.
2. **Learning Methods:**
   1. Computer Based Training
   2. Required reading
   3. Online projects and assignments (lab work)
3. **Assessments**

***Computer Concepts:***

Discussion Board Topics 18 @ 20 points each 360 Points

Quizzes (3@ 20 points each) 60 points

Concepts Review (4 @ 20 points each) 80 points

Independent Challenges (6 @ 10 points each) 60 points

Midterm 50 Points

Participation (lectures) 100 Points

***Office 2013 Training:***

Word Unit B 20 Points

Word Unit C 20 Points

Excel Unit A 20 Points

Excel Unit B 20 Points

Excel Unit C 20 points

Access Unit A 20 Points

Access Unit B 20 points

Power Point Unit B 20 points

Power Point Unit C 20 points

Final Exam/demonstration 100 points

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Total 950 points

Grading scale:

90-100% = A 80-89% = B 70-79% = C 60-69% = D <60% = F

1. **Final Drop Date:** The final drop date for this class is: TBA
2. **Examinations and assignments:** All examinations must be completed individually. Students may make use of the help feature of any application provided in their computers. Students may use their books and notes for all examinations.
3. **Schedule:**

| **Week** | **Reading & Lectures:** | **Assignments**  **&**  **Tests** |
| --- | --- | --- |
| ***Week 1***  ***Jan 11*** | **Read:**   1. **Syllabus** 2. **Microsoft Office 2013 (Illustrated Introductory) Unit A: Understanding essential Computer Concepts, Concepts 1-5** | **Complete:**   1. **Discussion Topic 1** 2. **Concepts Review (page concepts 26)** 3. **Independent challenge 1 – Concepts Unit A** 4. **Independent Challenge 2 – Concepts Unit A** |
| ***Week 2***  ***Jan 18*** | **Read:**   1. **Microsoft Office 2013 (Illustrated Introductory) Understanding essential Computer Concepts Unit A: Concepts 6-12** | **Complete:**   1. **Discussion Topic 2** 2. **Independent Challenge 3 – Concepts Unit A** |
| ***Week 3***  ***Jan 25*** | 1. **Microsoft Office 2013 (Illustrated Introductory) Understanding essential Computer Concepts Unit A: Concepts 13-25** | **Complete:**   1. **Discussion Topic 3** 2. **Quiz 1** 3. **Independent Challenge 4 – Concepts Unit A** 4. **Optional - Extra Credit** |
| ***Week 4***  ***Feb 1*** | **Read: Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Windows 8 Unit A:, Windows 1 - 19**  **Video Lecture:**   1. **Meet Windows 10 all topics**   [**http://windows.microsoft.com/en-us/windows/tutorial**](http://windows.microsoft.com/en-us/windows/tutorial) | **Complete:**   1. **Discussion Topic 4** 2. **Concepts Review (page windows 20)** |
| ***Week 5***  ***Feb 8*** | **Read: Microsoft Office 2013 (Illustrated Introductory) Getting started with Windows 8 Unit B:, Windows 26 – 43** | **Complete:**   1. **Discussion Topic 5** 2. **Concepts Review (page windows 44)** 3. **Independent Challenge 2 – Windows 8 Unit B** 4. **Independent Challenge 4 Windows 8 Unit B** 5. **Optional – Extra Credit (Independent Challenge 1 – Windows Unit A)** 6. **Quiz 2** |
| ***Week 6***  ***Feb 15*** | **Read: Microsoft Office 2013 (Illustrated Introductory) Getting started with Internet Explorer 10, Unit A:, Internet Explorer 2 - 17**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Unit A:, Office 2 - 7** | **Complete:**   1. **Discussion Topic 6** 2. **Concepts Review (page Internet Explorer 18)** 3. **Extra Credit - Essay** |
| ***Week 7***  ***Feb 22*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Unit A:, Office 8 - 14** | **Complete:**   1. **Discussion Topic 7** 2. **Quiz # 3** |
| ***Week 8***  ***Feb 29*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Unit A: Concepts Review** | **Complete:**   1. **Discussion Topic 8** 2. **Concepts Review (Page Office 16)** 3. **Review for midterm** |
| ***Week 9***  ***Mar 7*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013 Cont…** | **Complete:**   1. **Midterm** 2. **Discussion Topic 9** |
| ***Week 10***  ***Mar 14*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Word 2013 Unit B** | **Complete:**   1. **Word Unit B** 2. **Discussion Topic 10** |
| ***Spring Break*** | ***Spring Break – March 21-26*** | ***Spring Break*** |
| ***Week 11***  ***Mar 28*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Word 2013 Unit C**  **Watch: Magnetism: Data Storage** | **Complete:**   1. **Word Unit C** 2. **Discussion Topic 11** |
| ***Week 12***  ***Apr 4*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Excel 2013 Unit A**  **Watch: Binary Numbers in 60 Seconds** | **Complete:**   1. **Excel Unit A** 2. **Discussion Topic 12** |
| ***Week 13***  ***Apr 11*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Excel 2013 Unit B** | **Complete:**   1. **Excel Unit B** 2. **Discussion Topic 13** |
| ***Week 14***  ***Apr 18*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Excel 2013 Unit C** | **Complete:**   1. **Excel Unit C** 2. **Discussion Topic 14** |
| ***Week 15***  ***Apr 25*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Access 2013 Unit A & B** | **Complete:**   1. **Access Unit A** 2. **Access Unit B** 3. **Discussion Topic 15** |
| ***Week 16***  ***May 2*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Power Point 2013 Unit B** | **Complete:**   1. **Power Point Unit B** 2. **Discussion Topic 16** |
| ***Week 17***  ***May 9*** | **Read:**  **Microsoft Office 2013 (Illustrated Introductory) Getting started with Microsoft Office 2013, Power Point 2013 Unit C** | **Complete:**   1. **Power Point Unit C** 2. **Discussion Topic 17** |
| ***Week 18***  ***May 16***  ***Finals Week*** | **Final** | **FINALS WEEK**  **Discussion Topic 18**  **The final date to turn in all outstanding work including the final is May 18 at midnight. Grades will be posted on in Blackboard on May 19, and Web Advisor on May 20.** |