Reedley College

Summer 2016

6/20/16 – 7/29/16

Course: **IS 15 - 78859 - COMPUTER CONCEPTS**

Class Time: Online (Using Canvas)

Instructor: Daniel Morales, BS/MS

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Phone: 559-638-3641 ext.3264 (if no answer: leave a detailed message)

Office Hours: online

Text Book and Software:

1. Microsoft Office 2013: Illustrated Introductory, Author: Beskeen David. ISBN-13: 978-1285088457. Publisher: Cengage. (If you are purchasing book online)

**OR**

Microsoft Office 2013: Illustrated Introductory, Author: Beskeen David. ISBN-13: 978-1305035317. Publisher: Cengage. (If you are purchasing book at the bookstore)

1. Microsoft Office 2013, or 365. Programs that you will need: Word, Excel, PowerPoint, and Access.
2. **Course Description and Information**

This course 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).

Concepts in Information Systems 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.

1. **Course Learning 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.
2. **Course Learning 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, e-mail, and other forms of communication.
3. **Learning Methods**
   1. Required reading: PowerPoint presentations
   2. Documents
   3. Videos
   4. Canvas Assignments
   5. Hands-on projects (lab work)
   6. Exams
4. **Attendance**

I will drop you if you haven’t submitted any work for 1 week or if you haven’t logged into Canvas for one week.

I will also drop you if you haven’t submitted the first week’s work, even if you logged into Canvas during the first week.

1. **Readings, Assignments, Hands on Projects, and Exams**

Students are required to complete assignments, hands-on projects, and exams on their own. In other words, you may not collaborate with fellow students.

All examinations must be completed individually. Collaborative work will not be allowed during examinations. The use of books, notes, cell phones, and other electronic devices will not be allowed during examinations, unless specifically stated by the instructor prior to the examination. Make up examinations, assignments, and hands-on projects are only granted with advanced notification.

Late work will not be accepted. If a student fails to submit an assignment or project on the day that it is due then the student will lose points for that project. No excuses will be accepted.

The mottos for this class are: No late work accepted! Absolutely no excuses will be accepted! Don’t procrastinate!

1. **Due Dates**

You will find all work that is due, organized into folders, in Canvas. For this online class, work will be due on Tuesdays by 11:59pm. This means you have all day on Tuesday to work. Tuesday is over at 11:59pm.

1. **Outcomes Assessment**

Assignments (on Canvas) (11 @ 10 points each) 110 points

Quizzes (8 @ 20 points each, 1 @5 points) 165 points

Midterm 50 points

Hands-on Projects (15 @ 10 points each, 5 @ 5 points each) 175 points

Final Exam 80 points

**Total** **580 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:

* Wednesday, June 22nd, for a refund
* Friday, June 24th, to avoid a “W”
* Wednesday, June 29th, to avoid a “Letter Grade”

It’s each student’s responsibility to drop the class if they are no longer attending or no longer interested, otherwise they risk obtaining a grade of “F” in the class.

1. **Policies**

Campus code requires that shoes or sandals and appropriate attire be worn at all times on campus. Eating, drinking, and smoking are not allowed in the classroom or computer labs. Cell phones must be turned off or in the silence/vibrating mode while class is in session. If you need to use your cell phone (to make/receive a call or to send a text message) please go outside of the classroom. No visitors are allowed 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.
* Violates Reedley College cheating/plagiarism policy.

1. **Accommodations**

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 or Section 504 of the Rehabilitation Act, please contact the instructor as soon as possible.

1. **Cheating and Plagiarism**

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 may include, but is not limited to, copying from another’s work, supplying one’s work to another, giving or receiving copies of examinations without an instructor’s permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

Plagiarism is a specific form of cheating: the use of another’s words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights.

Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on a particular examination, assignment, or hands-on project in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

1. **Class Schedule**

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| Week # | Week of | Topic | Assignments |
| 1 | 6/20/16 –  6/21/16 | - Syllabus review  - Class Introduction, Intro to Canvas, Computer Basics, Email project | Personal Profile, Practice Test, Email project  Work for Week 1 due by Tuesday, June 21st by 11:59pm |
| 2 | 6/22/16 – 6/28/16 | - What is a computer?, File Management  - Bits and bytes, digital data representation  - Hardware  - Software | Read “Introduction to Computers” and “Binary Numbering System”  Assignments 1 and 2  Quiz 1  Read “Hardware” and “Application Software”  Assignments 3 and 4  Quiz 2  Work for Week 2 due by: Tuesday, June 28th by 11:59pm |
| 3 | 6/29/16 – 7/5/16 | - Operating Systems  - Computer Networks  - The Internet - Security - Ethics | Read “OS and Utility Programs” and “Computer Networks”  Assignments 5 and 6  Quiz 3  Read “Internet” and “Security”  Assignments 7 and 8  Quiz 4  Read “Ethics”  Assignment 9  Midterm Review  Midterm  Work for Week 3 due by: Tuesday, July 5th by 11:59pm |
| 4 | 7/6/16 – 7/12/16 | Microsoft Word: - Creating and editing documents  - Formatting text and paragraphs  - Formatting text and setting tabs  - Paragraph formatting & creating tables | Word A and Word B (book)  Word C and Word D (book)  Word Quiz Matching  Word Quiz Project  Work for Week 4 due by: Tuesday, July 12th by 11:59pm |
| 5 | 7/13/16 – 7/19/16 | Intro to ExcelMicrosoft Excel - Entering labels and values  - Using the SUM Function  - Working with formulas and functions  - Formatting a worksheet  - Inserting charts  - PMT Function | Excel A, A2, and A3 (book)  Excel Assignment  Excel B and Excel C (book)  Excel D (book)  Excel Quiz Matching  Excel Quiz Project  Work for Week 5 due by: Tuesday, July 19th by 11:59pm |
| 6 | 7/20/16 – 7/26/16 | Microsoft Access - Creating tables, data input - Using queries and reportsMicrosoft PowerPoint - Creating slides  - Elements used in a presentation  Understanding HTML code, graphics, and media  Understanding Programming concepts  Final A (Word Project)  Final B (Excel Project)  Final Exam Matching (Word and Excel)  Final Exam Matching (Access, PowerPoint, Web, Programming) | Access A and B  Access Assignment  PowerPoint A and B  Web A and Web B  Program A and Program B  Final A (Word Project)  Final B (Excel Project)  Final Exam Matching (Word and Excel)  Final Exam Matching (Access, PowerPoint, Web, Programming)  Work for Week 6 due by: Tuesday, July 26th by 11:59pm |