Reedley College

Fall 2019

January 12, 2019 – December 13, 2019

# Course Information

* This course is Information Systems 15 Section #95015 Computer Concepts.
* The class time is Monday and Wednesday from 8:00am to 9:50am.

# Instructor Information

The Instructor is Joseph Vasquez

Please use the Canvas Inbox tool to communicate with the Instructor.

In addition, you can e-mail him at joseph.vasquez@reedleycollege.edu.

In order to meet with the Instructor, use the Canvas Inbox or e-mail to communicate with him.

# Textbook and Materials

* No textbook is required for this class.
* Bring headphones to class.

# Course Description

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.

# Course Learning Objectives

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

# Course Learning Outcomes

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

# Learning Methods

* Required reading from presentations and documents found on Canvas
* Videos
* Canvas Assignments
* Hands-on projects (lab work)
* Exams

# Attendance

I will drop you if you haven’t submitted the 1st weeks’ work, even if you logged into Canvas during the first 2 weeks. I will also drop you if you haven’t submitted work for 2 weeks in a row or if you haven’t logged into Canvas for two weeks.

# 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!

# Due Dates

You will find all work that is due, organized into modules (folders) in Canvas.

The Instructor will let you know when the work will be due.

# Outcomes Assessment (approximately)

| **Assignments** | **Points** |
| --- | --- |
| Multiple-Choice (11 at 10 points each) | 110 |
| Exams (8 at 10 points each, 1 at 5 points) | 85 |
| Midterm Exam | 25 |
| Hands-On-Projects (14 at 10 points each, 12 at 5 points each) | 200 |
| Final Exam | 40 |
| Participation | 54 |

Table 1Outcomes Assessment

The total points for this class is 514 points.

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

# Drop Dates

* Friday, August 23rd, for a refund
* Friday, August 30th, to avoid a “W” (in person)
* Friday, September 13th, to avoid a “W” (on Web Advisor)
* Friday, October 11th to avoid a “Letter Grade” (Letter grades assigned after this date)

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.

# 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.

# 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.

# 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 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.

Incidents of cheating 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.

# Class Schedule

| **Week #** | **Week of**  | **Topic** | **Assignments** |
| --- | --- | --- | --- |
| 1 | 8/12/2019 | - Syllabus review- Class Introduction, Intro to Canvas, Computer Basics, Email project | Personal Profile, Practice Test, Email project |
| 2 | 8/19/2019 | - What is a computer?, File Management- Bits and bytes, digital data representation | Read “Introduction to Computers” and “Binary Numbering System”Assignments 1 and 2Quiz 1 |
| 3 | 1/28/2019 | - Hardware - Software | Read “Hardware” and “Application Software”Assignments 3 and 4Quiz 2 |
| 4 | 8/26/2019 | - Operating Systems- Computer Networks | Read “OS and Utility Programs” and “Computer Networks” Assignments 5 and 6Quiz 3 |
| 5 | 9/2/2019 | - The Internet - Security | Read “Internet” and “Security”Assignments 7 and 8Quiz 4 |
| 6 | 9/9/2019 | - Ethics | Read “Ethics”Assignment 9 Midterm ReviewMidterm |
| 7 | 9/16/2019 | Microsoft Word:- Creating and editing documents- Formatting text and paragraphs | Word A and Word B |
| 8 | 9/23/2019 | Microsoft Word (continued)- Formatting text and setting tabs- Paragraph formatting & creating tables | Word C and Word D |
| 9 | 9/30/2019 | Microsoft Word (continued) | Word Quiz MatchingWord Quiz Project |
| 10 | 10/7/2019 | Microsoft Excel- Entering labels and values- Using the SUM Function | Excel A, and A2 |
| 11 | 10/14/2019 | Excel (continued)- Working with formulas and functions- Formatting a worksheet | Excel B and Excel C |
| 12 | 10/21/2019 | Excel (continued)- Inserting charts- PMT Function | Excel DExcel Quiz MatchingExcel Quiz Project |
| 13 | 10/28/2019 | Microsoft Access- Creating tables, data input- Using queries and reports | Access A and B |
| 14 | 11/4/2019 | Microsoft PowerPoint- Creating slides- Elements used in a presentation | PowerPoint A and B |
| 15 | 11/11/2019 | Understanding HTML code, graphics, and media | Web A  |
| 16 | 11/18/2019 | Understanding HTML code, graphics, and media | Web B |
| 17 | 11/25/2019 | Understanding Programming concepts (JavaScript) | Program A |
| 18 | 12/2/2019 | Understanding Programming concepts (JavaScript) | Program B |
|  | 12/11/2019 | **Final Exam on Thursday, Dec 11 @ 8am** |  |

Table 2Class Schedule