Coffeyville Community College

COURSE SYLLABUS

FOR

COMP-161

COMPUTER INFORMATION SYSTEMS

(Online)

Mrs. Darla Thornburg

FALL 2017

COURSE NUMBER:	COMP 161
COURSE TITLE:	Computer Information Systems
CREDIT HOURS:	Three (3)
INSTRUCTOR:	Darla Thornburg
OFFICE LOCATION:	Room 111, Weinberg Hall
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PREREQUISITE(S):	None

REQUIRED TEXT and SUPPLIES

1. Digital World: Introduction to Computing, Gordon, Lankisch, Muir, Seguin, and Verno. Third Edition. Copyright 2015.

COURSE DESCRIPTION:

In this course students will build their knowledge of key computer concepts including the functions of the Internet and Web, computer systems and applications, and the range of ethical issues that continue to emerge technology-driven society.

EXPECTED LEARNER OUTCOMES:

Upon successful completion of Computer Information Systems, the able to:

- Exhibit an understanding of digital technologies.
- Describe and utilize Internet resources.
- Examine computer hardware and peripherals
- Evaluate system software.
- Evaluate application software.
- Demonstrate a basic understanding of communications and net technologies.
- Examine social web technologies and terminology.
- Explain digital defense.

LEARNING TASKS AND ACTIVITIES:

The competencies for this course are listed at the bottom of the Course Syllabus and will comprise the material covered on each unit test. Coursework will include reading of selected chapters from the text and assignments, quizzes, concept checks and exam.

ASSESSMENT OF OUTCOMES:

Evaluation:

The **grading scale** for the course will be:

A 100-90%
B 89-80%
C 79-70%
D 69-60%
F 59-0%

Syllabus Exam Rule: There is a Syllabus Exam rule in all CCC on-line classes. This means that a student must have completed the Syllabus Exam with a 100% by a certain date or will be administratively dropped from the class.

In Computer Information Systems Online the date is **October 24, 2017 at 11:55 p.m. CST. Failure to complete the Syllabus Exam by this date and time and with a 100% will lead to the student being administratively dropped from the course.**

The final grade will be determined by based on the following point system:

1430 points possible

A 1287-1430 points
B 1144 -1286 points
C 1001 - 1143 points
D 858 – 1000 points
F 857 and below

Academic Honesty

Absolutely no tolerance!

Each student is expected to do his or her own work. Any student who is suspected of borrowing another student's work, doing another student's work, or giving a student his/her work will be dropped from the class or receive an F.

If a student is ***caught cheating, they will receive an F for the class.***

Student Success & Accommodations Statement

The Student Success Center (SSC) provides free academic support services to all Coffeyville Community College students. SSC is designed to promote and support academic growth and success for all three CCC campuses. The center is committed to offering a wide range of academic services, including one-on-one assistance from a student tutor. Students who are in need of academic accommodations may contact the Director of Academic Advisement & Student Success Center, Kim Lay - located in the Student Success Center in Graham Library - (620) 252-7135. Weekday hours are typically 8 a.m. to 5 p.m. Student Success Center Hours During the Academic Fall and Spring Semesters are Monday through Thursday from 8 a.m. till 10 p.m. and Friday 8 a.m. till 5 p.m.

COMPUTER INFORMATION SYSTEMS

Exhibit an understanding of digital technologies.

1. Define what a computer is and identify the various types of computer devices.
2. Describe the parts of a computer system and their role in turning data into information.
3. Recognize the convergence of computing functionality in devices from phones to appliances.
4. Identify the different uses of computer sand possible careers in computing.
5. Define Information technology and explain the information processing cycle.

Describe and utilize Internet resources.

1. Describe how the Internet and the Web have changed the ways in which people interact with each other.
2. Identify the services, equipment, and software you need to connect and browse the Internet.
3. Browse and search the Internet and Web for information and evaluate the accuracy of content you find.
4. Demonstrate a basic understanding of intellectual property and copyright laws.
5. Compare and contrast various Internet services and applications such as e-commerce, email, telephone, and web conferencing.

Examine computer hardware and peripherals

1. Identify and explain functions of the computer system.
2. Understand how a computer uses memory.
3. Identify input and output devices.
4. Explain features to look for when purchasing a computer.

Evaluate system software.

1. Define the role of system software and identify tasks it performs.
2. Explain the functions of an operating system in a computer or mobile device and describe the basic features of today's popular operating systems.
3. Identify the tasks of the operating system package and how the utilities in the package monitor system performance.
4. Describe various utility programs that are used to optimize and maintain a computer.
5. Outline the history of the development of operating systems and identify future trends.

Evaluate application software.

1. Understand the role of application software.
2. Provide examples of major categories of application software, including mobile applications.
3. Explain how software products can use content created in other software products.
4. Describe the software development life cycle.
5. Understand how software is priced and delivered.
6. Define cloud computing.

Demonstrate a basic understanding of communications and network technologies.

1. Define computer networking and its uses at work and home.
2. Describe a communications system and the process that enables a sender and receiver to exchange data.
3. Distinguish the various types of transmission media for wired and wireless networks.
4. Recognize the role that network standards and protocols play in communications.
5. Describe and differentiate among various networking devices and software that enable you to send and receive data.
6. Explain the importance of network security.

Examine social web technologies and terminology.

1. Describe the evolution of social technologies and online collaboration and how they are changing the way our society functions.
2. Explain the terms social Web, open content, blog, social networking, social bookmarking, wiki, and media sharing.
3. Discuss the ways in which social technologies are being used by individuals, educators, corporations, and organizations.
4. Explain what media sharing is and how it is being used.
5. Examine the ethical issues surrounding the new technologies of the social Web.

Explain digital defense.

1. Recognize and protect against risks associated with operating a computer connected to a network and the Internet.
2. Explain various types of malware and tools used to protect against them.
3. Understand how to identify a trusted online site.
4. Understand security risks associated with mobile devices.
5. Identify risks to hardware and software and develop strategies to reduce the risk of physical or economic loss.