

CIS 101 Introduction to Information Systems Syllabus

Semester	Winter 2023	Office	802B
Course Title & #	Introduction to Information Systems CIS 101	Office Phone #	760-355-6428
Units	3	Office Hours	As Posted
Instructor	Walid Ghanim	Email	walid.ghanim@imperial.edu

Course Description

An introductory course designed to teach the basic understanding of computer information systems, survey computer hardware and software, and give the student hands-on experience on common business applications. (C-ID BUS 140 or ITIS 120) (CSU, UC)

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Analyze web information sources for relevance and accuracy; and synthesize, evaluate and communicate the results, demonstrating writing competencies at the college level. (ILO1, ILO2, ILO4)
2. Describe the general characteristics of a computer system and identify types of computer hardware and software and explain their functions. (ILO1, ILO2, ILO4)
3. Demonstrate the use of a word processor, spreadsheet, and database application program by completing projects that require students to extend course content to real-world situations and manage and organize files and use data storage devices. (ILO1, ILO2, ILO4)

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Recognize the impact of computers on society.
2. Identify and use common types of input/output devices and discuss new technology devices.
3. Be able to explain the basic functions of the central processing unit.
4. Describe types and functions of operating systems and demonstrate operating system software commands.
5. Be able to explain the use of various computer storage media.
6. Be able to identify and describe activities involved in designing and developing computer programs.
7. Demonstrate knowledge of word processing, spreadsheet and database applications.
8. Explain the procedures for system analysis and the steps involved in system design.
9. Explain how users transmit data over networks.
10. Locate and evaluate resources available on the Internet and use E-Mail.

Textbooks

Discovering Computers 2018 ISBN: 9781337285100 Authors Vermaat, Sebok, Freund, Campbell, Frydenberg

Office 2016 OER <https://www.gcflearnfree.org/topics/office2016/>

Course Requirements and Study Methods

The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

Course Grading Based on Course Objectives

Chapter Tests 30%

Projects 20%

Discussion Board 10%

Midterm Exam 20%

Final Exam 20%

Course Grading Scale

90-100% = A

80-89% = B

70-79% = C

60-69% = D

0 – 59% = F

Attendance and Participation

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct.

Additional Help

- [Learning Labs](#): There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- [Library Services](#): There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services

Any student with a documented disability who may need educational accommodations should notify the instructor or the [Disabled Student Programs and Services \(DSP&S\)](#) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6312 if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. The [IVC Student Health Center](#) is located in the Health Science building in Room 2109, telephone 760-355-6310.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog.

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials from the [IVC library information and literacy tutorial website](#).

Anticipated Class Schedule

Week 1 Course and Course Management System Introduction

Chapter 1 Digital Literacy: Introducing a World of Technology. Exam 1

Chapter 2 The Internet: Accessing, Searching, Sharing and Communicating Exam 2

Week 2 Chapter 3 Computers and Mobile Devices: Evaluating the Possibilities Exam 3

Chapter 4 Programs and Apps: Using Software at Work, School, and Home. Exam 4

Chapter 5 Digital Safety and Security: Identifying Threats, Issues, and Defenses Exam 5 Week

3 Chapter 6 Inside Computers and Mobile Devices: Exploring the Components. Exam 6 Midterm Exam

Chapter 7 Input and Output: Examining Popular Devices. Exam 7

Week 4 Chapter 8 Digital Storage: Preserving on Media and in the Cloud. Exam 8

Chapter 9 Operating Systems: Managing, Coordinating, and Monitoring Resources. Exam 9

Chapter 10 Communications and Networks: Sending and Receiving Digital Content. Exam 10 Week

5 Chapter 11 Information, and Data Management: Organizing, Verifying, Maintaining, and Accessing Exam 11

Chapter 12 Information Systems and Program Development: Designing and Building Solutions. Exam 6

Final Exam

The above schedule and procedures are subject to change in the event of extenuating circumstances.

