CSCI 210: Introduction to Information Systems
Summer I Online 2018 (listed as CSCI 290) – Course Syllabus

1 MEETING TIMES AND LOCATIONS

This course is fully online but requires regular participation.

2 INSTRUCTOR

Dr. Michael Verdicchio; Office: Thompson Hall 226; Phone: 843.953.6987; E-Mail: mv@citadel.edu. The instructor will check CitLearn and email at least once per day Monday – Thursday unless otherwise noted.

3 TEXTBOOK AND WEBSITE


eText from VitalSource: Click Here  Hardcopy rental: Click Here

4 COURSE CATALOG INFORMATION

Course description. Three credit hours. Having grown up with computers, today’s students already know how to use Information Technology (IT) in their daily lives—but use is not understanding. More than ever, students must become “computational thinkers,” able to conceptualize where and how computation can be used effectively.

This course introduces computers and information systems, including fundamental concepts of hardware and software as applied to computers in a business environment. Topics will include introductions to databases, web interfaces, networking, and operating systems, basic computer architecture, privacy and security, and computational thinking and problem solving. Students will work with spreadsheet, database, and other applications, and a simple programming language. The course assists those seeking a career as a computing professional, an understanding of the role of Information Systems in the business community, or introductory computing skills.

Course objectives and outcomes. The goals of this course are to give students an applied understanding of information systems, to teach students to think critically and solve problems using computational tools and resources, and to provide students with a perspective of the study of Computer Information Systems. Upon completion of this course, the student will be able to:

- Explain the functions of hardware, software, data, procedures, and people in a business computer system
- Identify the major hardware elements of a computer system and describe the purpose of each element
- Understand the role of and use of a variety of widely-used software packages including spreadsheets and databases
- Demonstrate an understanding of the operating system and execute its associated commands properly
- Describe computational solutions to real world problems using algorithms
- Demonstrate an understanding of the programming process and the role of software in solving business-related problems
- Describe how communications and network technology is used
- Understand the role of and use of the Internet
- Identify the requirements for choosing specific hardware systems and software packages
- Explain what a database is including database terminology and the role it plays in a business environment including how it is used on the Web
- Understand computer-related ethical, security, privacy, and legal issues
- Describe career opportunities in the computer field
5 Course Assessments and Grades

Assignments and assessment (subject to modification). The final grade will be based on the following:

- 20% Quizzes (one per chapter)
- 40% Assignments
- 10% Midterm exam
- 10% Course discussion and communication on CitLearn
- 20% Final project

Nothing can be made up or turned in late without a documented medical excuse or incurring a late penalty (if offered). Any grading questions or challenges must be made within one week of receiving the grade. Grades of A, B, C, D, F will be given at the standard cutoff values: 90%, 80%, 70%, 60%, etc. All submissions will be graded on correctness and presentation. Make sure you keep well-organized, digital copies of all work you do both at home and in the zyBook.

6 Miscellaneous Grading Policies

1. Students are required to work individually on all work that will be submitted for a grade. Assistance from anyone other than the instructor or another member of the Computer Science faculty is not permitted. Countermeasures are in place.
2. Class participation is required and will influence borderline grades.
3. Incomplete grades are given only in unusual circumstances. Consult the college catalog for policy information.

Academic Integrity Policy. Cheating is contemptible and those who cheat are reprehensible. The Citadel Honor Code requires each student to act with honesty and integrity and to respect the rights of others in carrying out all academic assignments. Honor violations are taken and dealt with seriously. This official policy can be found here: http://www.citadel.edu/honor.

7 Schedule (Subject to Change)

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