

# CS 200-3 - Introduction to Computing

## Catalog Description

This course is designed to provide students with a general introduction to computers and computing. Topics include computer literacy and computer networks along with experiences using major software application packages including word processors, spreadsheets, database packages, and web browsers. Credit cannot be given for both 200a and 200b. (a) CS 200a targets students with little or no computer background. There will be an emphasis on "hands on" experiences in a laboratory setting. (b) CS 200b is more specifically designed for business students. The topics covered will include an emphasis on business applications and associated software packages.

## Objectives

### CS 200a

This course introduces students to the application of computers in everyday life. The historic development and the future outlook of computing are discussed. Special emphasis is placed on three main computer applications: word processing, database management, and spreadsheets. The use of computer networks, i.e., the Internet, for information gathering and education is explored.

### CS 200b

This course introduces students to the application of computers in business environments. The historic development and the future outlook of computing are discussed. Special emphasis is placed on three main computer applications: word processing, database management, and spreadsheets. The use of computer networks, i.e., the Internet, in business organizations is explored.

<b>Course Outline</b>	<b>Lectures 200a</b>	<b>Lectures 200b</b>
1. Historical Perspective	1	1
2. Computer Systems	4	4
Central processing unit		
Memory		
Input devices		
Output devices		
3. System Software	8	6
Operating systems		
User interfaces		
4. Application Software	12	10
Wordprocessors		
Database systems		

	Spreadsheets		
	Presentation software		
5.	Networks	8	8
	Wide area networks		
	Local area networks		
	The Internet		
	The World Wide Web (WWW)		
	WWW Pages and HTML		
6.	Management Information Systems	2	6
	System development life cycle		
	Information management systems		
	Decision support systems		
7.	Social Issues	4	4
	Ethical issues		
	Safety concerns		
	Computer security		
8.	The Future of Computing	1	1
	Total Lectures	40	40