

**CS 101B Course Outline as of Fall 2016****CATALOG INFORMATION**

Dept and Nbr: CS 101B Title: PC CONCEPTS &amp; PRACT

Full Title: Personal Computer Concepts and Practice

Last Reviewed: 10/4/2010

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	2.00	Lab Scheduled	0.25	2	Lab Scheduled	4.38
		Contact DHR	0		Contact DHR	0
		Contact Total	2.25		Contact Total	39.38
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 109.38

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: CIS 101B

**Catalog Description:**

Continued exploration of computer basics using Windows-based personal computers (PCs). Topics include: computer concepts, file management, virus protection, an overview of software uses, computer shopping strategies, using electronic mail, the Internet, and the World Wide Web, the operating system, word processing, beginning spreadsheet and database use.

**Prerequisites/Corequisites:**

Course Completion of CS 101A ( or CIS 101A)

**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Continued exploration of computer basics using Windows-based personal computers (PCs). Topics include: computer concepts, file management, virus protection, an overview of software uses, computer shopping strategies, using electronic mail, the Internet, and the World Wide Web, the operating system, word processing, beginning spreadsheet and database use. (Grade or P/NP)



- a. Path
  - b. Device designators
  - c. Directories or folders
  - d. Extensions
  - e. Copy/Move/Delete
  - f. Directories and disk organization
5. Buying computer hardware and software
    - a. Product research and shopping strategies
    - b. How technical specifications affect performance and price
    - c. Product life cycles for hardware and software
  6. Email
    - a. Hardware and software requirements
    - b. Email addresses and passwords
    - c. Email etiquette
    - d. Sending, receiving and responding to email
    - e. Local area networks and wide area networks

**Assignment:**

1. Reading of 20 - 35 pages in textbook each week
2. Hands-on lab assignments each week
3. Online tutorials
4. Written computer related assignments
5. Four to eight quizzes
6. Final both written and hands-on

**Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework	Writing 5 - 10%
<b>Problem Solving:</b> Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.	
Online tutorials	Problem solving 20 - 40%
<b>Skill Demonstrations:</b> All skill-based and physical demonstrations used for assessment purposes including skill performance exams.	
Lab assignments	Skill Demonstrations 20 - 40%
<b>Exams:</b> All forms of formal testing, other than skill performance exams.	
Exams: multiple choice, true false, matching items, completion	Exams 30 - 50%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

Practical Computing by Lynn Hogan. Pearson/Prentice Hall, 2008.  
Instructor prepared materials