

CS 82.51 Course Outline as of Fall 2009**CATALOG INFORMATION**

Dept and Nbr: CS 82.51 Title: VIRUS PROTECTION

Full Title: Virus Protection/Disk Backup

Last Reviewed: 10/4/2010

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0.50	Lecture Scheduled	8.00	4	Lecture Scheduled	32.00
Minimum	0.50	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	8.00		Contact Total	32.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 64.00

Total Student Learning Hours: 96.00

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 50.13

Catalog Description:

Overview of computer viruses and disk backup techniques for personal computers. Topics include the prevention and detection of virus infections, removal of viruses, downloading virus detection software and updates from the Internet, developing a hard disk backup strategy, backing up the hard disk, and other data protection techniques.

Prerequisites/Corequisites:**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100.

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

Description: Overview of computer viruses & disk backup techniques for personal computers. Topics include the prevention & detection of virus infections, removal of viruses, downloading virus detection software and updates from the Internet, developing a hard disk backup strategy, backing up the hard disk, and other data protection techniques. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100.

Limits on Enrollment:

Transfer Credit: CSU;

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

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:	Transferable	Effective: Fall 1996	Inactive: Fall 2015
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The student will:

1. describe four types of viruses and how they behave;
2. configure a virus detection program;
3. detect and remove a virus from the computer;
4. download a virus update from the Internet;
5. describe three types of backup (full, incremental, differential);
6. configure a backup program;
7. define a backup strategy for a typical business;
8. perform each of the three types of disk backups.

Topics and Scope:

1. Virus
 - a. types of viruses
 - b. virus protection techniques
 - c. configure virus protection program
 - d. remove a virus from the computer
 - e. add new virus signatures to virus list
 - f. locate virus software information on the Internet
 - g. download virus update from the Internet
2. Backup
 - a. purpose of backup
 - b. types of backup
 - c. backup alternatives and strategies
 - d. configure backup program
 - e. perform different types of backups
 - f. restore files from backup media

Assignment:

Skill demonstration and written assignment.

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.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None

Problem solving
0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

CLASS PERFORMANCE

Skill Demonstrations
20 - 60%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams
20 - 60%

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

ATTENDANCE & CLASS PARTICIPATION

Other Category
9 - 60%

Representative Textbooks and Materials:

No text required