

DE ANZA COLLEGE  
PERSONAL COMPUTER SECURITY BASICS

COURSE# : CIS D108.62Z SESSION: Winter, 2015  
INSTRUCTOR: Art Linn (linnjrarthur@fhda.edu) ROOM# : On-line  
CATALYST : ON-LINE DAYS : Tuesday/Thursday  
ON-LINE TIMES : 7:30- 9:00 PM

COURSE OBJECTIVE: Introduce the concepts of personal computer security.

COURSE GOALS :

1. Recognize computer security fundamentals.
2. Define hacker terminology and attack methods.
3. Detect and protect against virus, worms and Trojan horse attacks.
4. Implement password security.
5. Evaluate online shopping safety.
6. Evaluate and implement Internet browser security.
7. Evaluate and implement Email security.
8. Implement firewall security.
9. Explore data backup strategies.
10. Evaluate security vulnerabilities found in the Windows operating system.
11. Recognize physical access security vulnerabilities.
12. Explore and protect data with Windows encryption.
13. Explore and prevent identity theft.
14. Explore Windows security features.

EVALUATION: Strict percentage of total points earned.

|                |                                     |      |        |
|----------------|-------------------------------------|------|--------|
| Points->Grade: | The following determines points:    |      |        |
| A = 360 - 400+ | 2 Tests (40 points each)            | 80   | Note 1 |
| B = 320 - 359  | 10 Reviewed On-line sessions        |      |        |
| C = 280 - 319  | at cccConfer.org (10 points each)   | 100  | Note 2 |
| D = 240 - 279  | 1 Final Exam                        | 40   | Note 1 |
| F = 0 - 239    | 10 Home-works (12 points each)      | 120  | Note 3 |
|                | 6 Topics for Discussion (10 pts ea) | 60   | Note 5 |
|                |                                     | ---- |        |
|                |                                     | 400  | Note 4 |

NOTES:

- (1) Tests will only be available for 8 hours on the scheduled dates.
- (2) You must either attend or review the "cccConfer.org" sessions each week and answer the question by Sunday of that WEEK! There is NO makeup allowed for these session quizzes.
- (3) Home-works are worth 12 points each. Home-works are due the Sunday of that WEEK! Late home-works lose 2 points automatically. There is one optional homework - Week 11 worth 12 points.
- (4) Last day to turn in any on-line work is **Sunday, 3/22/2015**.
- (5) Must start at least 3 "Topics For Discussion" and must reply to 3 other Students "Topics For Discussion".

ATTENDANCE: Online attendance is shown by completion of on-line activities. The first 2 weeks of class you must log into Catalyst. If not, I will drop you from class. After that, you MUST drop yourself. I will not.

CHEATING: Anyone found plagiarizing work as their own will be automatically expelled from this class.

TEXTS:

No textbook required. However, lot's of reading, thinking, and Answering questions on Catalyst. (<https://Catalyst.deanza.edu>)

<http://deanza.edu/calendar/winterdates.html>

Introduction to Personal Computer Security  
Winter 2015 Schedule

| WEEK      | DATES       | ACTIVITY                            | HOMEWORK                         |          |
|-----------|-------------|-------------------------------------|----------------------------------|----------|
| 1         | 1/6         | Introduction to class               |                                  |          |
| 1         | 1/8         | Fundamentals.                       | Homework Week 1 (Due end Week 2) |          |
| 2         | 1/13        | Terminology                         |                                  |          |
| 2         | 1/15        | Methods                             | Homework Week 2                  |          |
| 3         | 1/20        | Detection and                       |                                  |          |
| 3         | 1/22        | Protection                          | Homework Week 3                  |          |
| 4         | 1/27        | Password                            | Homework Week 4 (Passwords)      |          |
| 4         | 1/29        | On-line shopping                    |                                  |          |
| 5         | 2/03        | Review for Test 1                   |                                  |          |
| <b>5</b>  | <b>2/05</b> | <b>Test #1</b>                      | Homework Week 5 (OL Shopping)    |          |
| 6         | 2/10        | Browser Security                    | Homework Week 6                  |          |
| 6         | 2/12        | Email Security                      | Homework Week 6                  |          |
| 7         | 2/17        | Firewall                            |                                  |          |
| 7         | 2/19        | Security                            | Homework Week 7                  |          |
| 8         | 2/24        | Data Backup                         | Homework Week 8 (Data Backup)    | 1        |
| 8         | 2/26        | OS Security                         |                                  |          |
| 9         | 3/03        | Review for Test 2                   |                                  |          |
| <b>9</b>  | <b>3/05</b> | <b>Test #2</b>                      | Homework Week 9 (OS Security)    |          |
| 10        | 3/10        | Physical Access                     | Homework Week 10                 |          |
| 10        | 3/12        | Encryption                          | Homework Week 10                 | 2        |
| 11        | 3/17        | Identity Theft                      | Homework Week 11 (Optional)      |          |
| 11        | 3/19        | Windows Security Feat.              | Homework Week 11 (Optional)      |          |
| 11        | 3/22        | Last day to submit any online work! |                                  | 3        |
| <b>12</b> | <b>3/24</b> | <b>Final</b>                        |                                  | <b>4</b> |

NOTES:

**All homeworks are due Sunday on-line that week!!**

**Note: ON Catalyst Homeworks are Quizzes.**

- 1) 2/24 Instructor assigns students for Final Questions
- 2) 3/12 Submit your Final Questions on Catalyst Forum
- 3) 3/22 Last day to do any work on-line
- 4) 3/24 Final Exam.

All other key De Anza dates can be found via Link on Catalyst.

RECURRING TEACH & CONFER STUDENT INVITATION

Meeting Details

Status: Active

Title: RECURRING Art Linn - CIS108

College: De Anza College

SubTitle: Winter 2015

Closed Caption: No

Date Start time End time Duration Subtitle Closed Caption

|           |         |         |    |             |    |
|-----------|---------|---------|----|-------------|----|
| 1/6/2015  | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/8/2015  | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/13/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/15/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/20/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/22/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/27/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 1/29/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/3/2015  | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/5/2015  | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/10/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/12/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/17/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/19/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/24/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 2/26/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/3/2015  | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/5/2015  | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/10/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/12/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/17/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/19/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |
| 3/24/2015 | 7:30 PM | 9:00 PM | 90 | Winter 2015 | No |

Is Your Computer Ready?

How to Connect with Your Mobile Device

Student Details

Telephone conference line: 1-913-312-3202\*

Participant passcode: 547132

\*Toll free number: 1-888-886-3951

Go to [www.cccconfer.org](http://www.cccconfer.org)

Click Teach & Confer Student Log In

Locate your meeting and click Go

Passcode: 547132

Telephone Conference Feature

\*6 - Mute/unmute your individual line

FOR ASSISTANCE

CCC Confer Client Services - Monday - Friday between 8:00 am - 4:00 pm

Phone: 1-760-744-1150 ext 1537 or 1554

Email: [clientservices@cccconfer.org](mailto:clientservices@cccconfer.org)