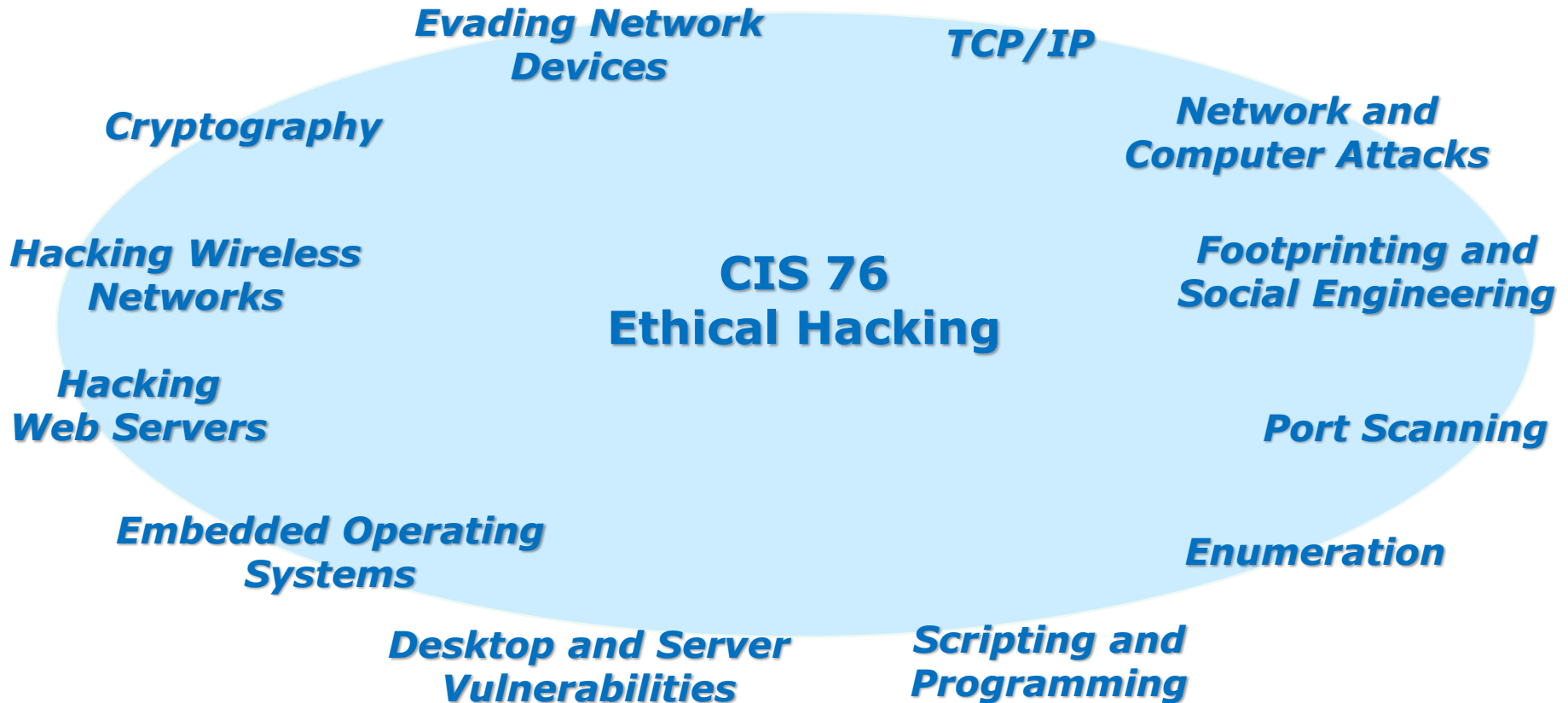## Rich's lesson module checklist

- ❑ Slides and lab posted
- ❑ WB converted from PowerPoint
- ❑ Practice Test #3 and test systems ready to go
    - ❑ Published
    - ❑ Passcode removed

- ❑ Backup slides, whiteboard slides, CCC info, handouts on flash drive
- ❑ Spare 9v battery for mic
- ❑ Key card for classroom door

- ❑ Update CCC Confer and 3C Media portals

Last updated 12/12/2017

Evading Network Devices

TCP/IP

Cryptography

Network and Computer Attacks

Hacking Wireless Networks

CIS 76 Ethical Hacking

Footprinting and Social Engineering

Hacking Web Servers

Port Scanning

Embedded Operating Systems

Enumeration

Desktop and Server Vulnerabilities

Scripting and Programming

Student Learner Outcomes

1. Defend a computer and a LAN against a variety of different types of security attacks using a number of hands-on techniques.

2. Defend a computer and a LAN against a variety of different types of security attacks using a number of hands-on techniques.

2

Introductions and Credits

Rich Simms
- HP Alumnus.
- Started teaching in 2008 when Jim Griffin went on sabbatical.
- Rich's site: http://simms-teach.com

And thanks to:
- Steven Bolt at for his WASTC EH training.
- Kevin Vaccaro for his CSSIA EH training and Netlab+ pods.
- EC-Council for their online self-paced CEH v9 course.
- Sam Bowne for his WASTC seminars, textbook recommendation and fantastic EH website (https://samsclass.info/).
- Lisa Bock for her great lynda.com EH course.
- John Govsky for many teaching best practices: e.g. the First Minute quizzes, the online forum, and the point grading system (http://teacherjohn.com/).
- Google for everything else!

Student checklist for attending class

1. Browse to:
   http://simms-teach.com
2. Click the **CIS 76** link.
3. Click the **Calendar** link.
4. Locate today's lesson.
5. Find the **Presentation slides** for the lesson and **download** for easier viewing.
6. Click the **Enter virtual classroom** link to join CCC Confer.
7. Log into Opus-II with Putty or ssh command.

Note: Blackboard Collaborate Launcher only needs to be installed once. It has already been downloaded and installed on the classroom PC's.

Student checklist for suggested screen layout

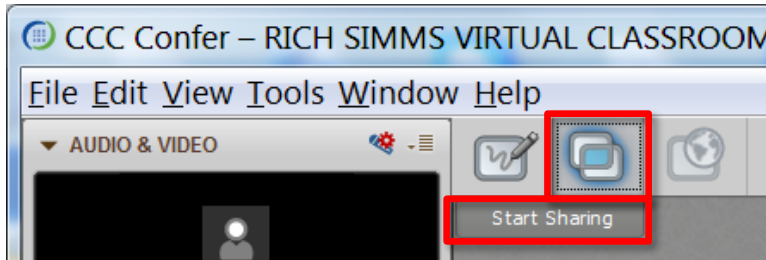☐ *Google* ☐ *CCC Confer* ☐ *Downloaded PDF of Lesson Slides*

☐ *CIS 76 website Calendar page*

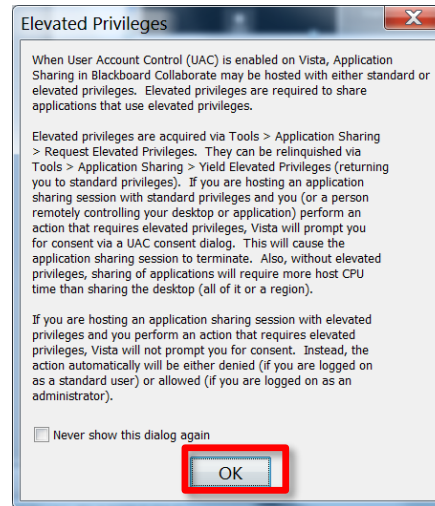☐ *One or more login sessions to Opus-II*

5

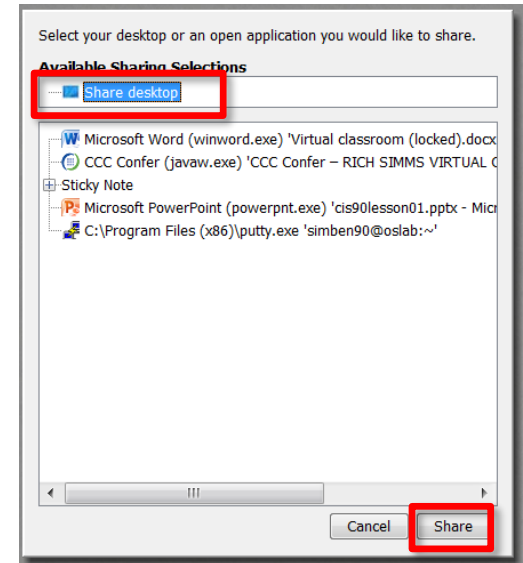# Student checklist for sharing desktop with classmates

1) Instructor gives you sharing privileges.

2) Click overlapping rectangles icon. If white "Start Sharing" text is present then click it as well.
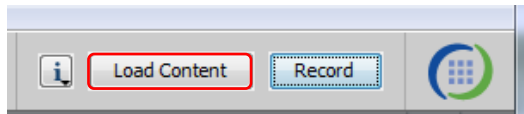

3) Click OK button.

4) Select "Share desktop" and click Share button.
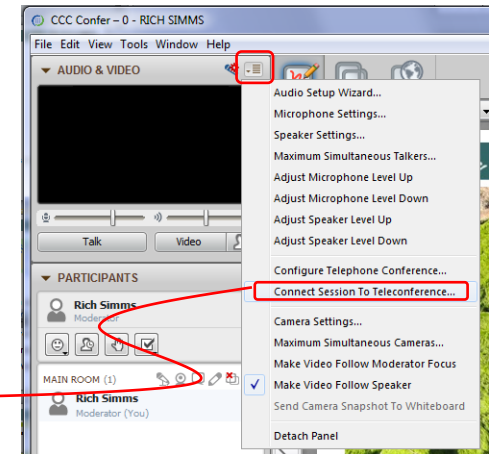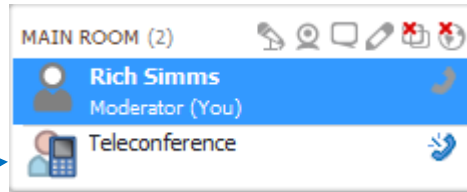
Rich's CCC Confer checklist - setup

CCC ⊙ Confer

[ ] Preload White Board

[ ] Connect session to Teleconference

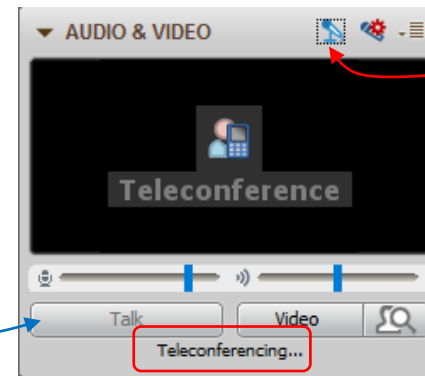*Session now connected to teleconference*

[ ] Is recording on?

Red dot means recording

[ ] Use teleconferencing, not mic

Should be grayed out

Should change from phone handset icon to little Microphone icon and the Teleconferencing … message displayed
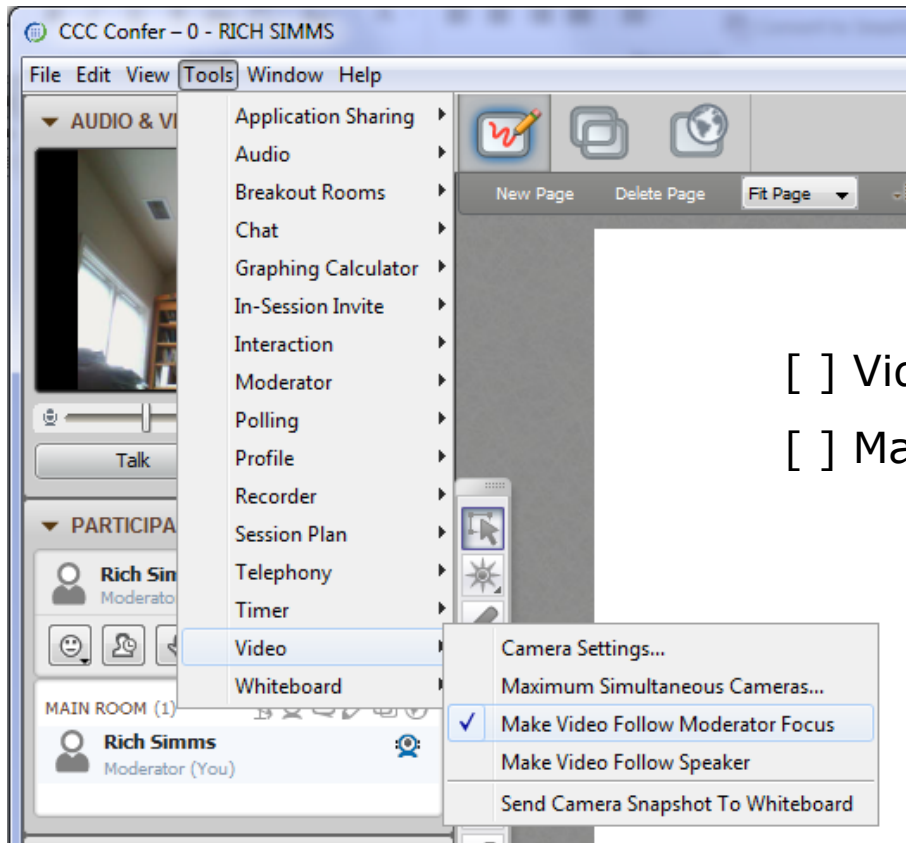
Rich's CCC Confer checklist - screen layout

foxit for slides

chrome

putty

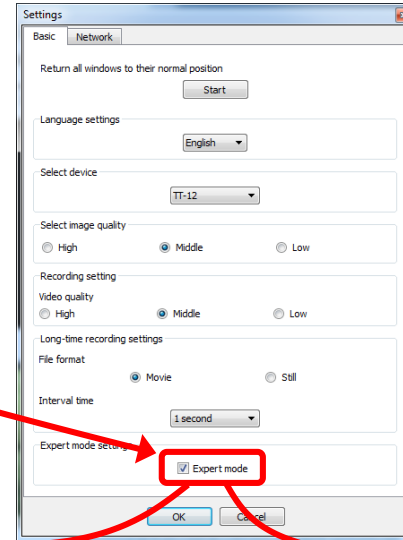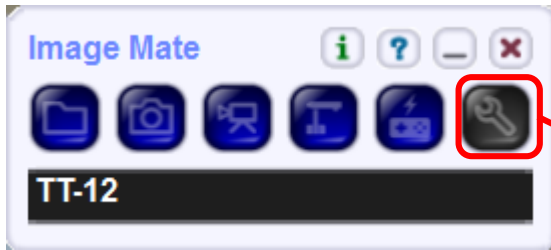vSphere Client

[ ] layout and share apps

Rich's CCC Confer checklist - webcam setup

CCC Confer

[ ] Video (webcam)

[ ] Make Video Follow Moderator Focus

Rich's CCC Confer checklist - Elmo

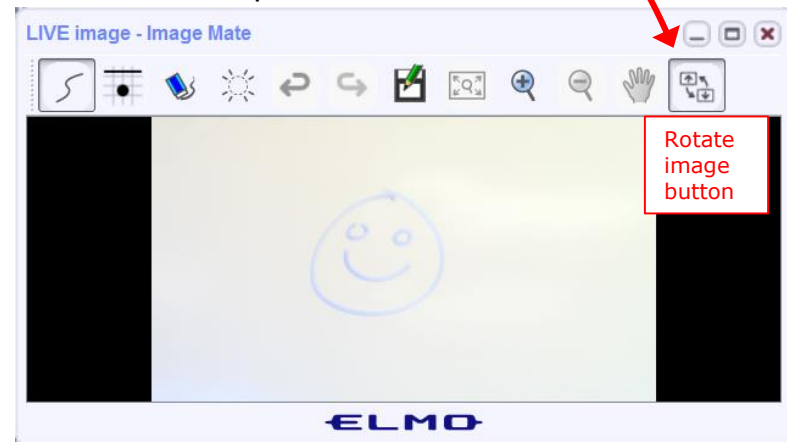Elmo rotated down to view side table

Rotate image button

The "rotate image" button is necessary if you use both the side table and the white board.

Quite interesting that they consider you to be an "expert" in order to use this button!

Elmo rotated up to view white board

Rotate image button

Run and share the Image Mate program just as you would any other app with CCC Confer
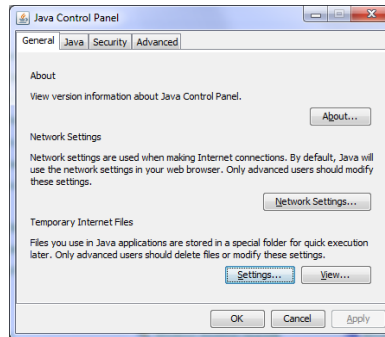
CCC Confer

Rich's CCC Confer checklist - universal fixes

Universal Fix for CCC Confer:
1) Shrink (500 MB) and delete Java cache
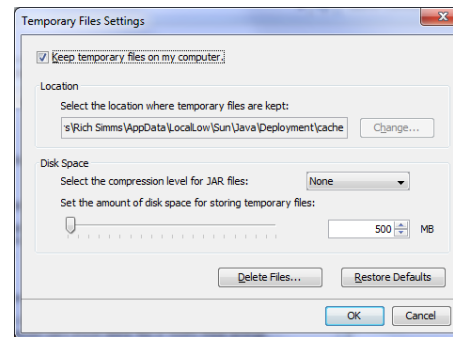2) Uninstall and reinstall latest Java runtime
3) http://www.cccconfer.org/support/technicalSupport.aspx

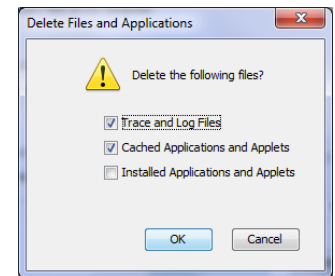Control Panel (small icons)

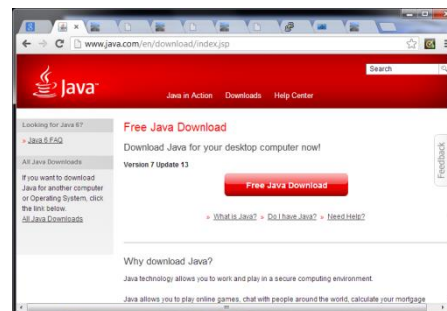General Tab > Settings…

500MB cache size

Delete these

Google Java download

11

Start

Sound Check

*Students that dial-in should mute their line using *6 to prevent unintended noises distracting the web conference.*

*Instructor can use *96 to mute all student lines.*

Volume
*4 - increase conference volume.
*7 - decrease conference volume.
*5 - increase your voice volume.
*8 - decrease your voice volume.

Instructor: **Rich Simms**
Dial-in: **888-886-3951**
Passcode: **136690**

Bruce Philip Sam Sam Miguel Bobby Garrett

May Chris Tanner Helen Xu Mariano Cameron

Tre Aga Ryan M. Karl-Heinz Remy Ryan A.

Email me (risimms@cabrillo.edu) a relatively current photo of your face for 3 points extra credit

Final Exam (Test #3)

➢ Open book, open notes, open computer.

➢ During the test you must work alone and not ask or give assistance to others.

➢ Use Canvas and select: **CIS 76 Test 3 (real)**

➢ 4:00 PM - Test Starts

➢ 6:50 PM - Test Ends

That's all Folks!