



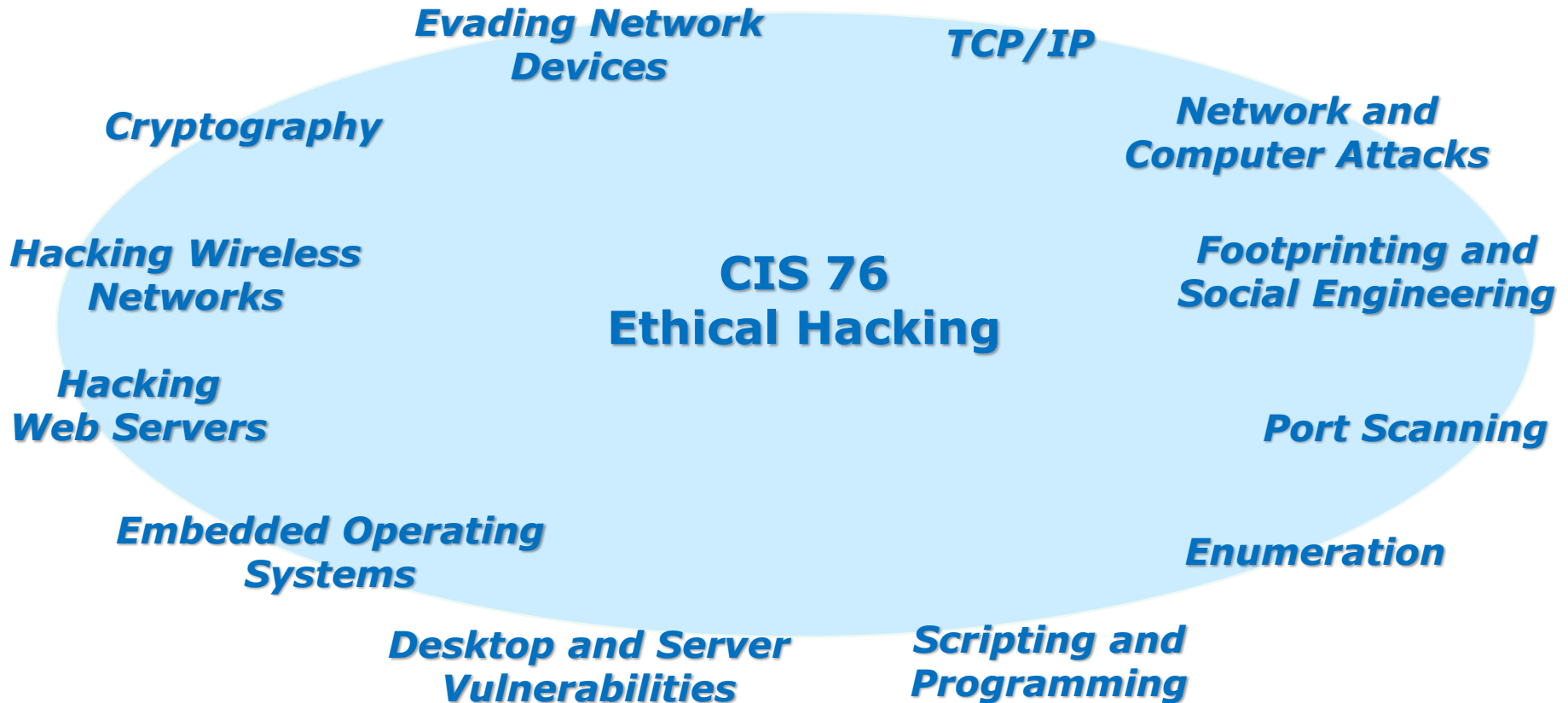
Rich's lesson module checklist

- 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



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.

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

Rich's Cabrillo College CIS Classes
CIS 90 Calendar

CIS 90 (Fall 2014) Calendar

Course Dates: [Genda](#) **Calendar**

CIS 76

Lesson	Date	Topics	Link
	9/2	<p>Class and Linux Overview</p> <ul style="list-style-type: none"> Understand how the course will work High-level overview of computers, operating systems and virtual machines Overview of LINUX/Linux market and architecture Using SSH for remote network exits Using terminals and the command line <p>Methods</p> <p>Presentation slides (download)</p> <p>Supplemental</p> <ul style="list-style-type: none"> PowerPoint: Logging into Opus (command) <p>Assignments</p> <ul style="list-style-type: none"> Student Survey Lab 1 <p>CCS Center</p> <p>Enter virtual classroom</p>	
		<p>Quiz 1</p> <p>Commands</p>	

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

The screenshot shows a virtual classroom interface. On the left is a sidebar with navigation options like 'Login', 'Flashcards', 'Admin', and 'CIS 90 (Spring)'. The main area contains a video conference window for 'Rich-Simms' with a 'PARTICIPANTS' list and a 'CHAT' window. A central window displays 'CIS 90 - Lesson 1' with a map titled 'Class Activity - Where are you now?'. On the right, a PDF window shows 'The CIS 90 System Playground' with a diagram of server racks. Below the PDF, a terminal window shows a password prompt and system information. A checklist overlay is positioned in the foreground, with blue arrows pointing to specific elements in the screenshot.

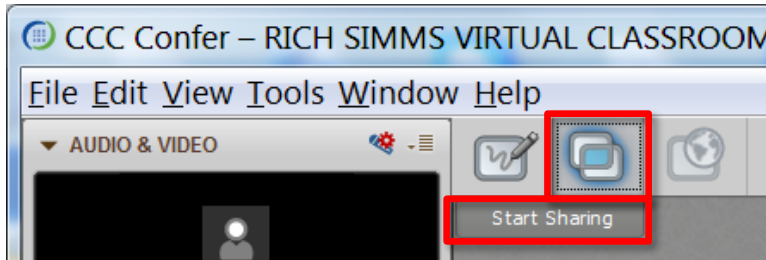
CIS 76 website Calendar page

One or more login sessions to Opus-II

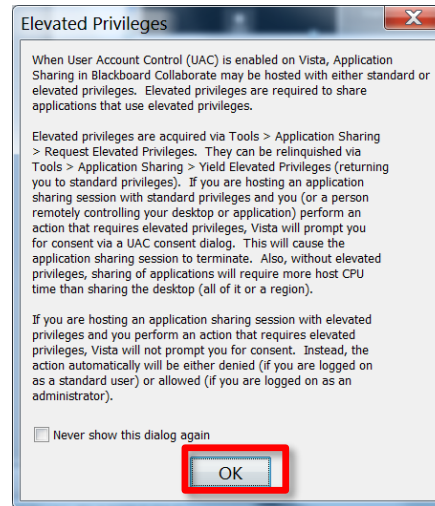


Student checklist for sharing desktop with classmates

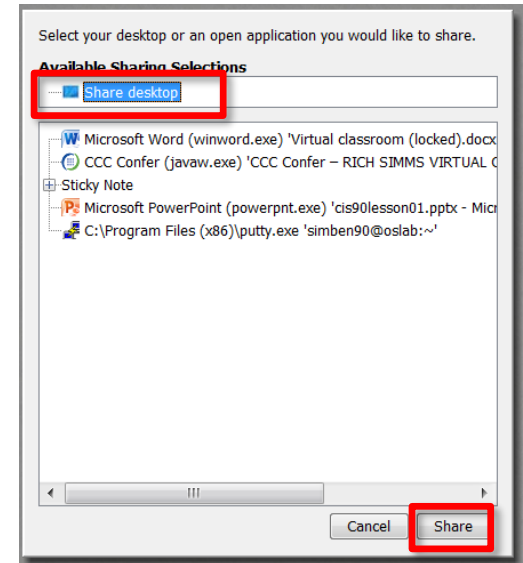
1) Instructor gives you sharing privileges.



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



3) Click OK button.



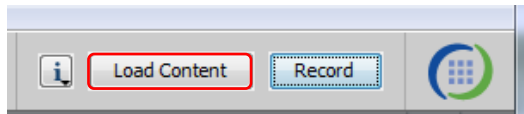
4) Select "Share desktop" and click Share button.



Rich's CCC Confer checklist - setup

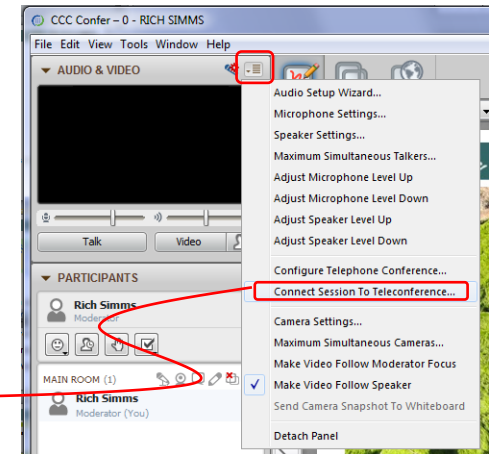
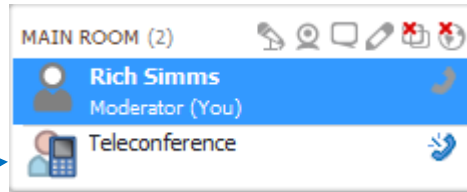


[] Preload White Board



[] Connect session to Teleconference

Session now connected to teleconference



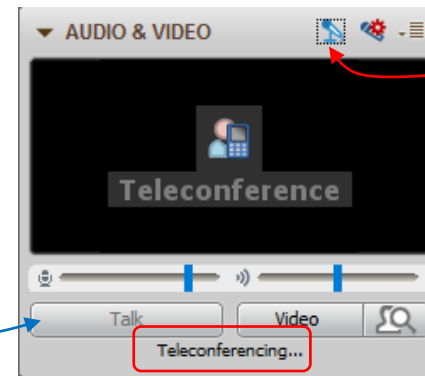
[] Is recording on?



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



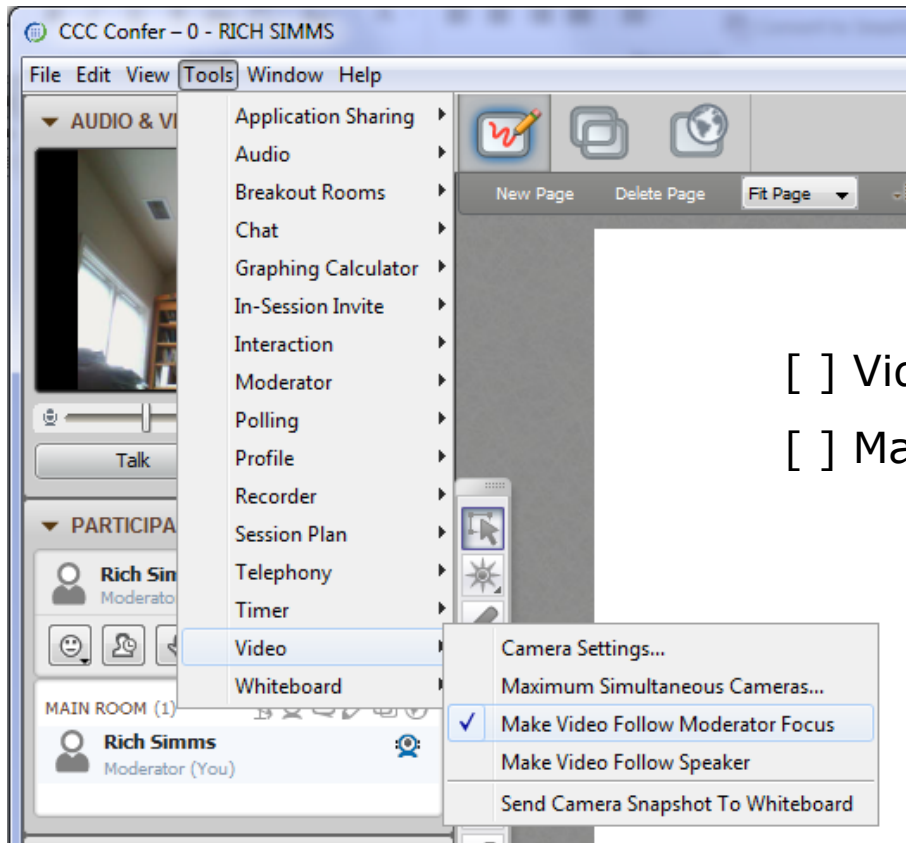
The screenshot displays a Windows desktop with several applications open. On the left is the 'CCC Confer' window showing a video feed of Rich Simms and a list of participants. In the center is a 'Foxit Reader' window displaying a PDF document with a file system tree. To the right is a 'Chrome' browser window showing a quiz page with questions and answers. In the foreground is a 'Putty' terminal window showing a login attempt. In the bottom right is the 'vSphere Client' window showing a virtual machine inventory. Red callout boxes with white text identify the applications: 'foxit for slides' points to the PDF viewer, 'chrome' points to the browser, and 'vSphere Client' points to the vSphere interface. The 'putty' label is also present near the terminal window.

[] layout and share apps





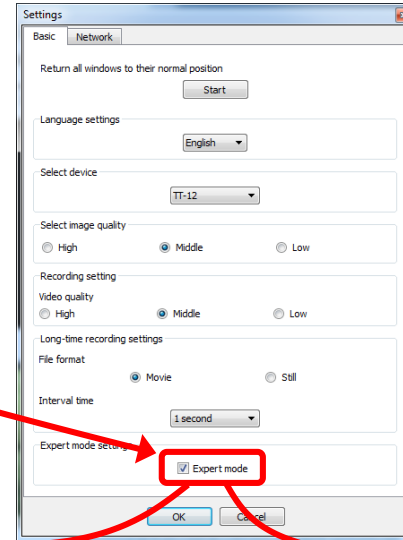
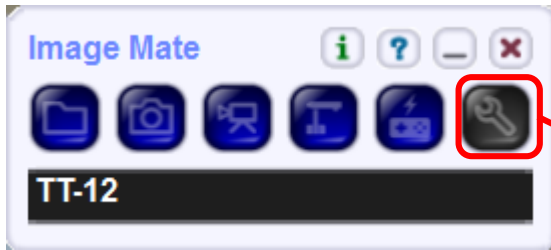
Rich's CCC Confer checklist - webcam setup



- [] Video (webcam)
- [] Make Video Follow Moderator Focus



Rich's CCC Confer checklist - Elmo



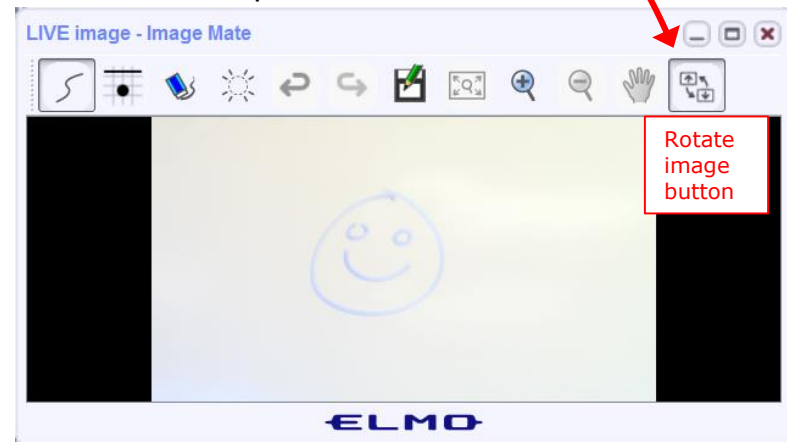
The "rotate image" button is necessary if you use both the side table and the white board.

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

Elmo rotated down to view side table



Elmo rotated up to view white board



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



Rich's CCC Confer checklist - universal fixes

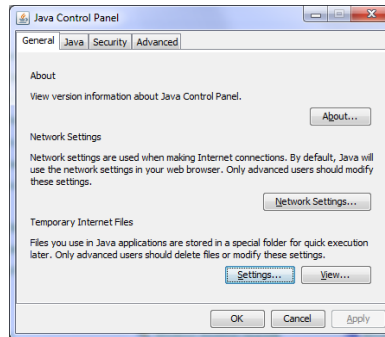
Universal Fix for CCC Confer:

- 1) Shrink (500 MB) and delete Java cache
- 2) Uninstall and reinstall latest Java runtime
- 3) <http://www.cccconfer.org/support/technicalSupport.aspx>

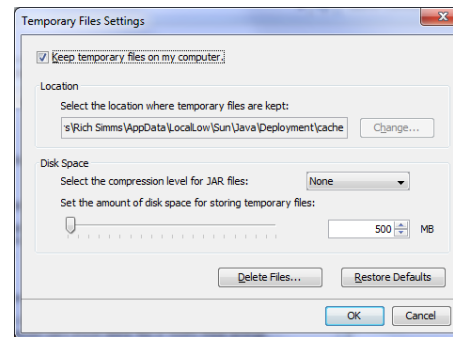
Control Panel (small icons)



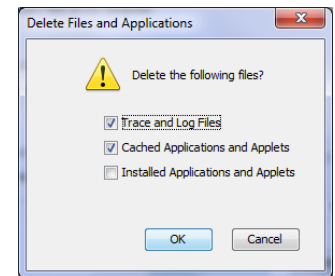
General Tab > Settings...



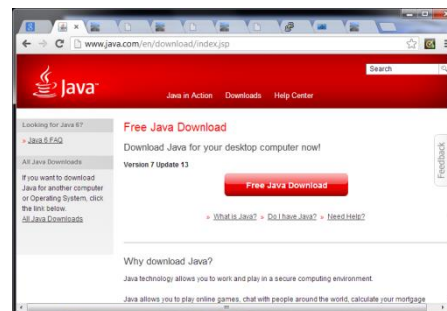
500MB cache size



Delete these



Google Java download





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.

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!