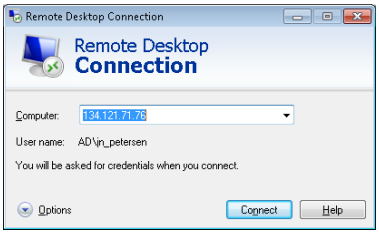
Use of Remote Desktop to access Coursework compute servers

The Voiland School has acquired two compute servers to be used for coursework. Licensed software; including Matlab, MathCAD, Pro/II, Comsol, Crystal Ball, Project, and Control Station; is installed on each machine. Productivity software, including Microsoft Office, Adobe Acrobat, web browsers, etc should be run either on the individual's own computer (office or laptop) or on the computers in the labs (Dana 215 or Dana 14). Licensed software is being removed from the computers in the labs. The computers in the labs can be remotely rebuilt at any time, and no data should be stored on them. Likewise, we have two servers, both of which have extremely limited disk space for long-term file storage. User files are subject to deletion at any time and, should you save a file on one server, the file may not be available on the other when you log in later. **Consequently, everyone should store information on a thumb drive or their own computer, not on the computers in the labs or the servers.** The browsers will have extremely high security settings; students will not be allowed to install software on the server.

Students enrolled in any BE or ChE course on either the Pullman or TriCities campus, except ChE 598, 700 or 800, will be provided an account on both machines, which are accessed at chebe-ts.ad.wsu.edu. Likewise, faculty may access either machine.

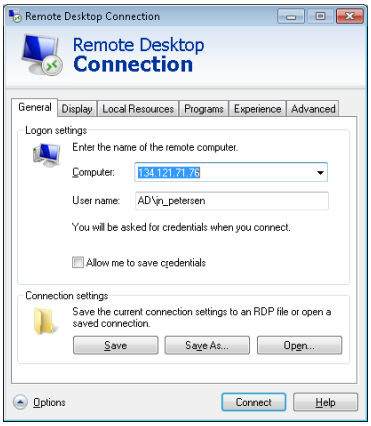
Use remote desktop to access a server. On a windows machine, remote desktop can be found on the start menu under accessories, or by typing mstsc.exe into the run dialog box. On an Apple Mac, you must download the remote desktop connection for Mac software from Microsoft.[1] Many tablets have remote desktop apps which can be used to access the servers. When initially accessing the remote server, set the options as below:

Start remote desktop. You will receive a screen like:

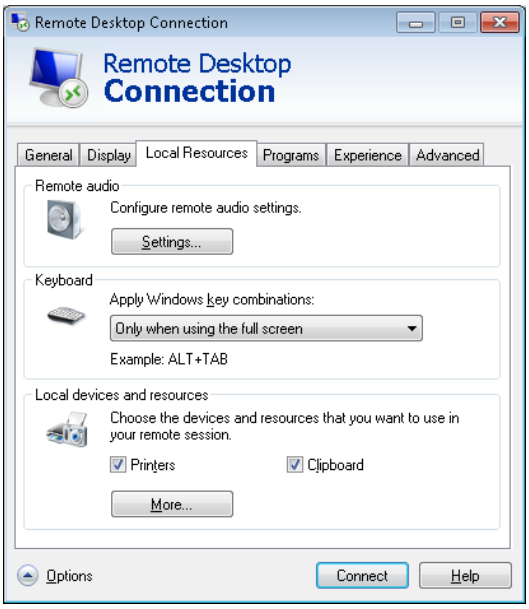


Click on the options button. You will get a screen like:

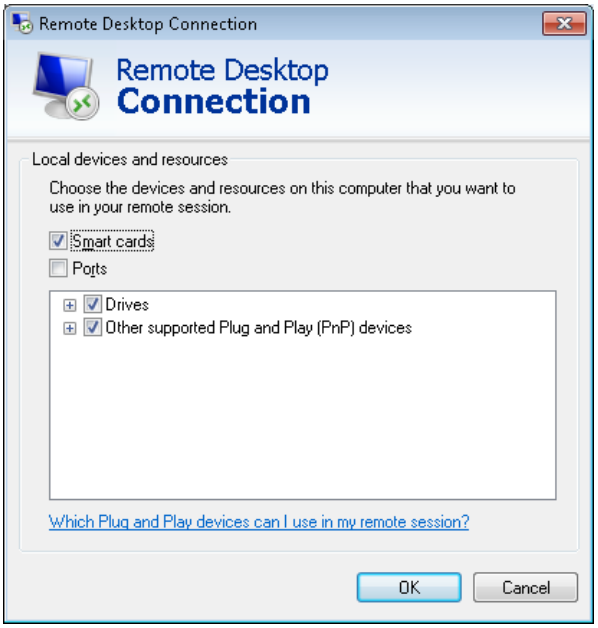
[1] http://www.microsoft.com/downloads/en/details.aspx?FamilyID=cd9ec77e-5b07-4332-849f-046611458871



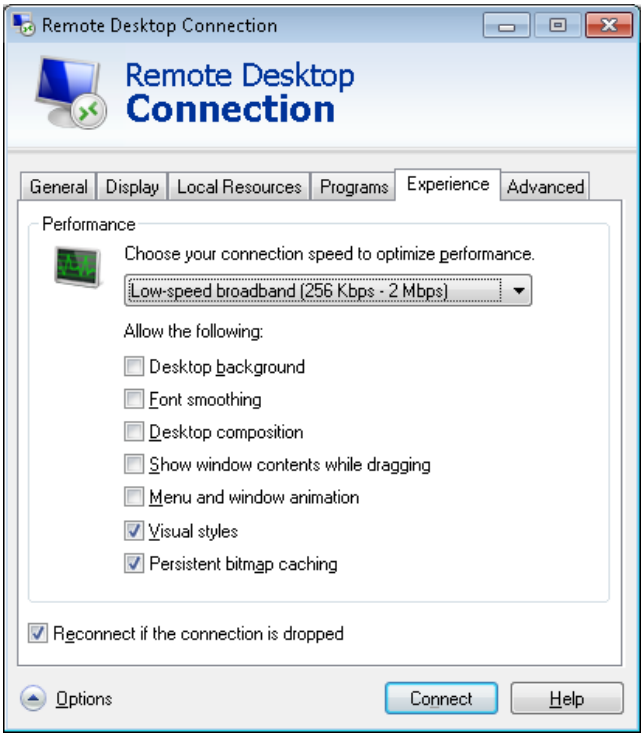
Enter the computer name and your ad login name. Now, click on local resources and ensure that printers and clipboard are selected. This will allow you to access local printers attached to your computer and to cut and paste between machines.



Now, click on the More button to obtain the screen shown below. Make ensure that all options are selected. This will allow the remote machine to access disk drives and other devices connected to your local machine, including thumb drives.



Click OK after selecting the local devices and resources. Now, select the experience tab. I always use the low speed broadband connection, even if I'm attached to a high speed Ethernet. I don't need all the enhanced features which slow down the display when I'm accessing these servers. If your display feels to slow, log out, and reconnect with one of the slower experience settings.



Now, click on Connect. You should be taken to a login screen. Enter your username and password, and ensure that the ad domain is selected. You should then be logged onto the server, with a screen like that shown below. From here, you can use any of the licensed software, including Comsol, Loop Pro, Matlab, Mathcad, Project, or Pro/II. You can also run excel, which gives access to crystal ball.

Although not shown on the screen capture below, as with all windows, you can minimize this screen to return to the local computer.