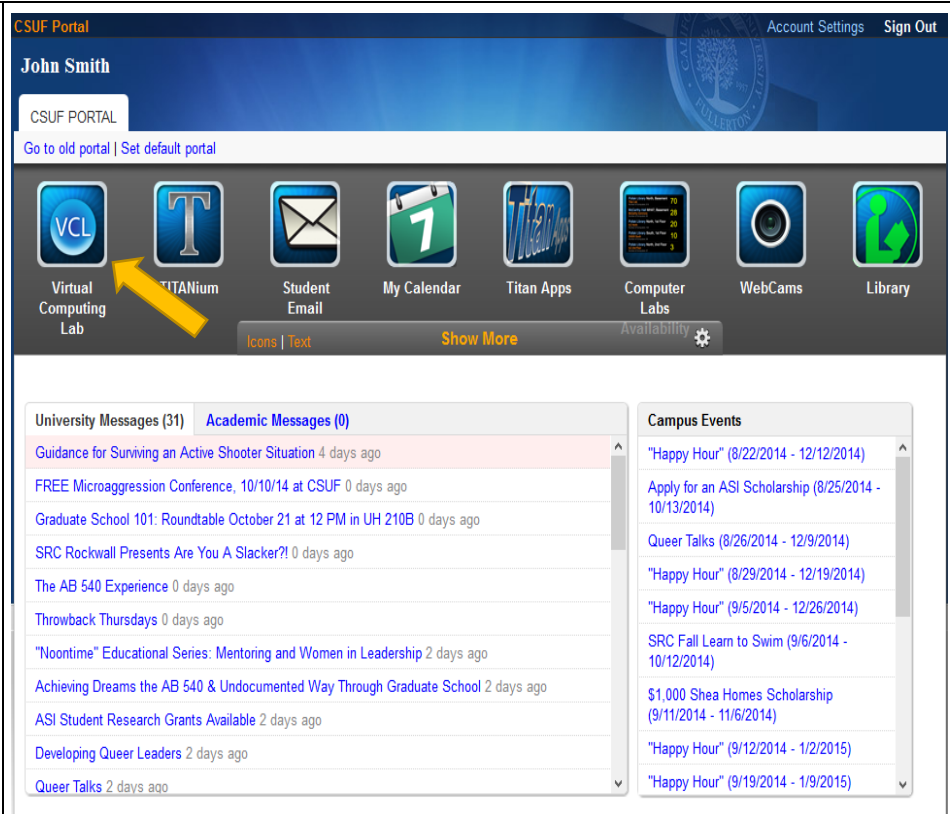


How to use Virtual Computer Lab

1. From your portal, click on the Virtual Computing Lab (VCL) icon.

You can also access VCL through the direct login at: vcl.fullerton.edu



CSUF Portal Account Settings Sign Out

John Smith

CSUF PORTAL

Go to old portal | Set default portal

Virtual Computing Lab TITANIUM Student Email My Calendar Titan Apps Computer Labs WebCams Library

Icons | Text Show More Availability

University Messages (31) Academic Messages (0)

Guidance for Surviving an Active Shooter Situation 4 days ago

FREE Microaggression Conference, 10/10/14 at CSUF 0 days ago

Graduate School 101: Roundtable October 21 at 12 PM in UH 210B 0 days ago

SRC Rockwall Presents Are You A Slacker?! 0 days ago

The AB 540 Experience 0 days ago

Throwback Thursdays 0 days ago

"Noontime" Educational Series: Mentoring and Women in Leadership 2 days ago

Achieving Dreams the AB 540 & Undocumented Way Through Graduate School 2 days ago

ASI Student Research Grants Available 2 days ago

Developing Queer Leaders 2 days ago

Queer Talks 2 days ago

Campus Events

"Happy Hour" (8/22/2014 - 12/12/2014)

Apply for an ASI Scholarship (8/25/2014 - 10/13/2014)

Queer Talks (8/26/2014 - 12/9/2014)

"Happy Hour" (8/29/2014 - 12/19/2014)

"Happy Hour" (9/5/2014 - 12/26/2014)

SRC Fall Learn to Swim (9/6/2014 - 10/12/2014)

\$1,000 Shea Homes Scholarship (9/11/2014 - 11/6/2014)

"Happy Hour" (9/12/2014 - 1/2/2015)

"Happy Hour" (9/19/2014 - 1/9/2015)

2. Click on the "New Reservation" button to begin reserving your VCL session.



VIRTUAL COMPUTING English

HOME

New Reservation

Current Reservations

Block Allocations

User Preferences

Manage Images

Statistics

Documentation

Logout

Welcome to the Virtual Computing Lab

Hello John Smith

You do not have any current reservations.
Please make a selection from the menu to continue.

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3. From the dropdown menu, choose the software you would like to reserve.

For example, the user wishes to reserve a session with Windows7, SPSS, Amos 21, and Acrobat XI.

The screenshot shows the 'New Reservation' page. On the left is a navigation menu with options: HOME, New Reservation (highlighted), Current Reservations, Block Allocations, User Preferences, Manage Images, Statistics, Documentation, and Logout. The main content area is titled 'New Reservation' and contains a dropdown menu with the text 'Please select the environment you want to use from the list:'. The dropdown menu is open, showing a list of environments including 'ILC Win7 SPSS Amos 21 AcrobatXI', 'Basic Win7x64', 'ILC Win7', 'ILC Win7 AdobePhotoshop Illustrator', 'ILC Win7 ArcGIS10', 'ILC Win7 ArcGIS10 1', 'ILC Win7 C# 2010', 'ILC Win7 EZNews', 'ILC Win7 FoodProcessor AcrobatX', 'ILC Win7 InDesign', 'ILC Win7 Mathematica', 'ILC Win7 Mathematica9', 'ILC Win7 Matlab', 'ILC Win7 Minitab16', 'ILC Win7 MS Project Excel Word 2013', 'ILC Win7 MyITLab Office2010', 'ILC Win7 NVIVO', and 'ILC Win7 Office2010 AdobeX'. A yellow arrow points to the dropdown arrow.

4. Click the "Create Reservation" button to reserve your software.

You can choose to reserve the software now, or at a later date. You can also choose the duration of the reservation ranging from 30 minutes to 4 hours.

The screenshot shows the 'New Reservation' page. The navigation menu is the same as in the previous screenshot. The main content area is titled 'New Reservation' and contains a dropdown menu with the text 'Please select the environment you want to use from the list:'. Below the dropdown menu is the 'Image Description: Windows 7 image with SPSS and Amos 21 and Acrobat writer XI'. There are two radio buttons for 'When would you like to use the application?': 'Now' (selected) and 'Later: Thursday At 2 45 p.m. (PDT)'. Below this is a 'Duration: 1 hour' dropdown menu. Below the duration is the text 'Estimated load time: < 1 minute'. At the bottom is a 'Create Reservation' button. A yellow arrow points to the button.

5. Your reservation is now pending, and the wait time could last up to 10 minutes.

The screenshot shows the 'Current Reservations' page. At the top, there is a 'VIRTUAL COMPUTING' logo and a language dropdown set to 'English'. A left-hand navigation menu includes links for HOME, New Reservation, Current Reservations (highlighted), Block Allocations, User Preferences, Manage Images, Statistics, Documentation, and Logout. The main content area is titled 'Current Reservations' and contains the text: 'You currently have the following normal reservations:'. Below this, a reservation is listed with the status 'Pending...' and 'Est: 5 min remaining'. To the right of the reservation details, the environment is specified as 'ILC Win7 SPSS Amos 21 AcrobatXI Thursday, 6/11/2014 10:10:10 AM'. Action buttons for 'Delete Reservation' and 'More Options...' are visible. A note at the bottom states: 'This page will automatically update every 20 seconds until the Pending... reservation is ready.' A footer contains the copyright notice: 'Copyright © 2004-2014 by Apache Software Foundation. All Rights Reserved.'

6. When your reservation is ready, click on the "Connect!" button to start your session.

If you don't connect within 15 minutes, your reservation will be timed out and you have to start the process again.

This screenshot is similar to the previous one, but the reservation status is now 'Ready'. The 'Connect!' button is highlighted with a yellow arrow. The environment details remain the same: 'ILC Win7 SPSS Amos 21 AcrobatXI Thursday, 6/11/2014 10:10:10 AM'. The text below the reservation reads: 'Click the Connect! button to get further information about connecting to the reserved system.' The footer and navigation menu are identical to the previous screenshot.

Launching your VCL session:

7. Click on the “Get RDP File” button.

Please note the IP Address, User ID and Password. You will need this to log in when you launch your session.

Mac Users:

Please see step 11.

Ubuntu Users:

Please see step 12.

Chrome OS Users:

Please see step 15.

English

VIRTUAL COMPUTING

HOME

New Reservation

Current Reservations

Block Allocations

User Preferences

Manage Images

Statistics

Documentation

Logout

Connect to reservation using Remote Desktop

You will need to have an X server running on your local computer and a web browser running on the same computer from which you will be connecting.

Use the following information when you are ready to connect:

- Remote Computer: 137.151.224.231
- User ID: 899546725
- Password: T4TqHV

NOTE: The given password is for this reservation only. You will be given a different password for each reservation.

NOTE: You cannot use the Windows Remote Desktop Connect

Get RDP File

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8. Click the “OK” button to open up Remote Desktop Connection.

Opening ILC Win7 SPSS Amos 21 AcrobatXI.rdp

You have chosen to open:

ILC Win7 SPSS Amos 21 AcrobatXI.rdp

which is: Remote Desktop Connection (600 bytes)

from: https://vcl.fullerton.edu

What should Firefox do with this file?

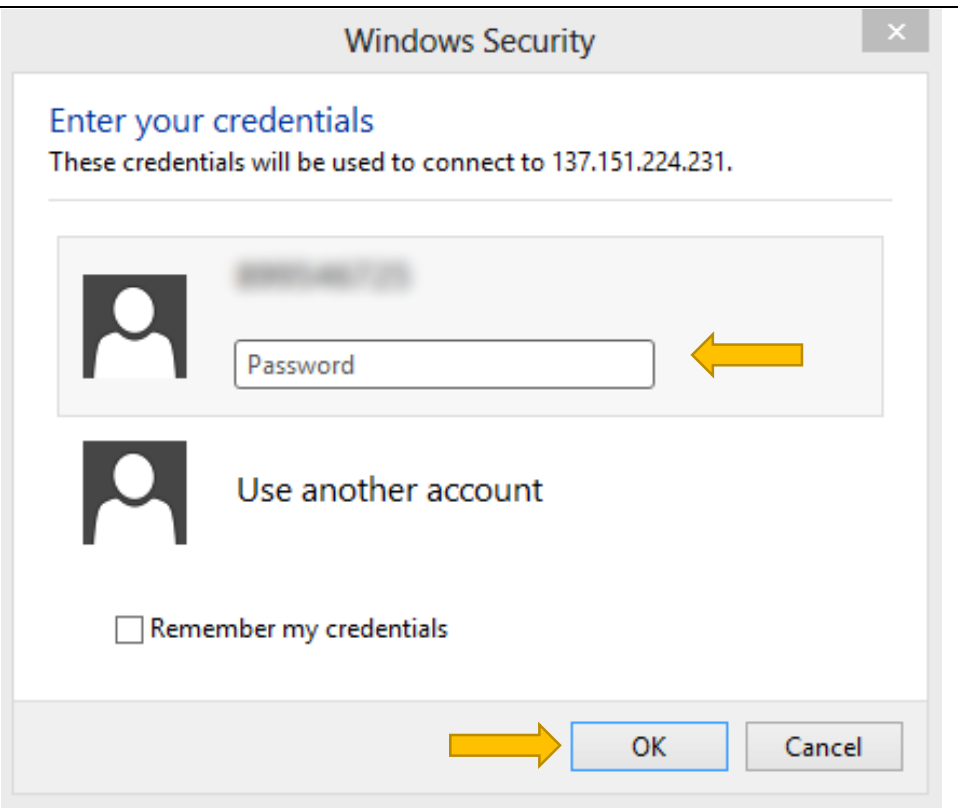
Open with Remote Desktop Connection (default)

Save File

Do this automatically for files like this from now on.

OK Cancel

9. Enter your User ID and password from above and click the "OK" button.



10. Click the "YES" button to begin your session.

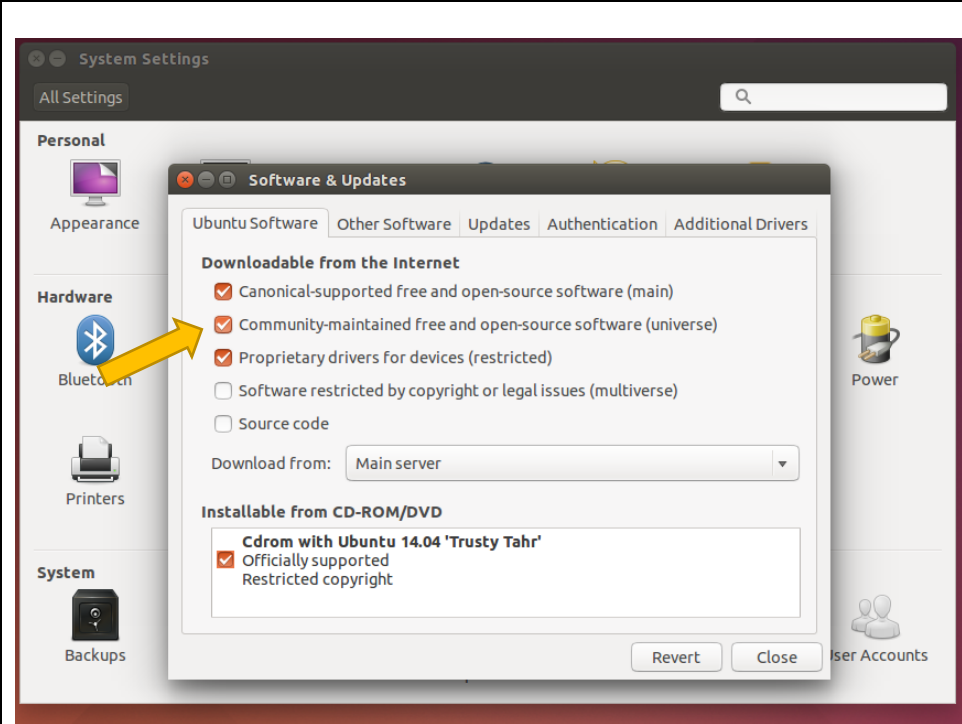


11. Mac users will need to install the Microsoft Remote Desktop app from the App Store. This free app allows a Mac computer to connect to a Windows-based computer.

You can also use [CoRD](#) as a viable alternative to Microsoft Remote Desktop. Drag the app to your applications folder and run. Input the IP address and start your session.

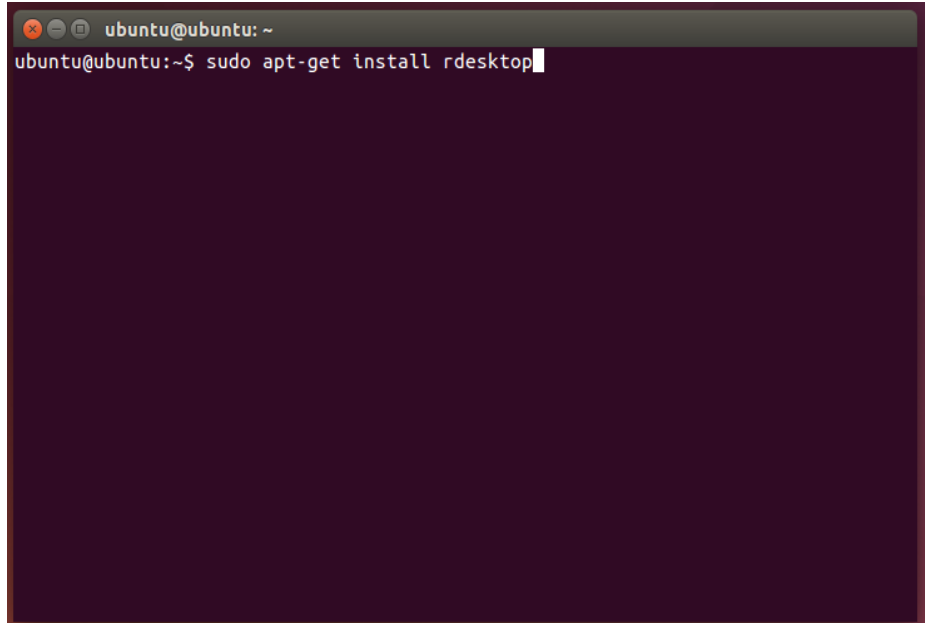


12. Ubuntu users, please open up System Settings and click on Software & Updates. Under the Ubuntu Software tab, make sure the box for “Community-maintained free and open-source software (universe)” is checked. Close and reload.



13. Open a new Terminal window and type the following command: “sudo apt-get install rdesktop” and press ENTER.

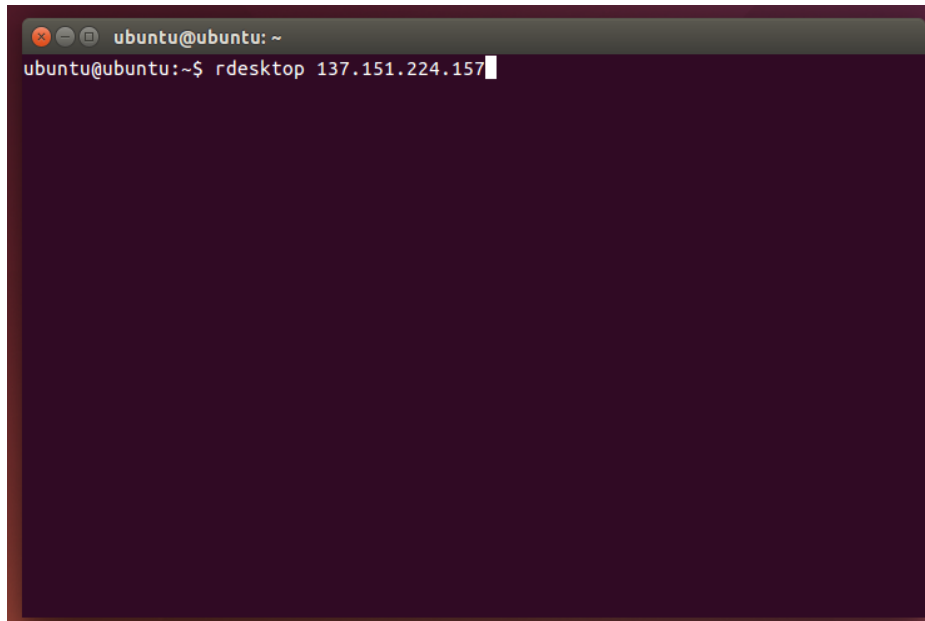
This will install a software that will enable you to connect to Windows-based machines.

A terminal window with a dark purple background and a grey title bar. The title bar contains the text 'ubuntu@ubuntu: ~'. The terminal prompt is 'ubuntu@ubuntu:~\$' followed by the command 'sudo apt-get install rdesktop' and a white cursor at the end of the line.

14. With Terminal open, enter the command: “rdesktop 137.151.224.157” and press ENTER.

Your session will begin. Use your credentials above to log in.

Note: your IP address could be different from the one shown above.

A terminal window with a dark purple background and a grey title bar. The title bar contains the text 'ubuntu@ubuntu: ~'. The terminal prompt is 'ubuntu@ubuntu:~\$' followed by the command 'rdesktop 137.151.224.157' and a white cursor at the end of the line.

15. Chromebook users, please open the web store and download **Chrome RDP**.

You will need this to connect to your VCL session.

The screenshot shows the Chrome Web Store interface with a search for 'remote desktop'. The search results are divided into 'Apps' and 'Extensions' sections. In the 'Apps' section, 'Chrome RDP' is highlighted with a yellow arrow. The 'Extensions' section lists 'Remote Desktop Manager For Chrome', 'MightyText - SMS Text Messaging from Computer', and 'ADB'.

App/Extension	Developer	Rating	Price
Chrome Remote Desktop	Chromoting Release Managers	★★★★★ (13806)	FREE
Chrome RDP	https://gauth.fusionlabs.net	★★★★★ (464)	FREE
2X RDP Client for 2X RAS	www.2x.com	★★★★★ (428)	FREE
Remote Desktop Manager For Chrome	Devolutions	★★★★★ (40)	FREE
MightyText - SMS Text Messaging from Computer	mightytext.net	★★★★★ (327)	FREE
ADB	https://developers.google.com/chrome-developer-tools	★★★★★ (0)	FREE

16. Open Chrome RDP and input the IP address for your session. (i.e. 137.151.224.180) Press the Connect button, then press Continue.

The screenshot shows the Chrome RDP connection interface. It features a text input field for the computer name or address, a dropdown arrow, and a 'Connect' button.

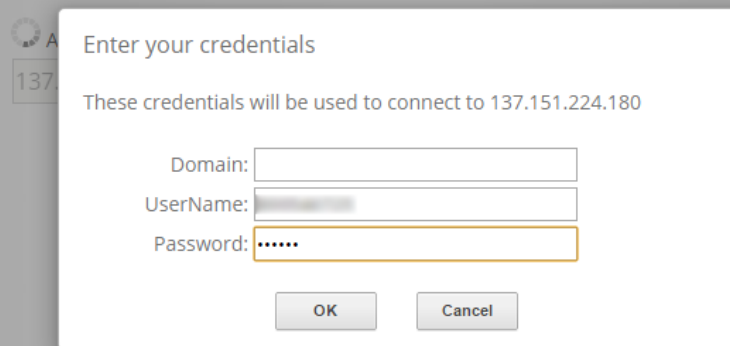
Enter the computer name or address to connect to:

17. Input your **User ID** from above in the UserName field.

Input your **Password** from about into the password field. (case-sensitive)

Hit the OK button.

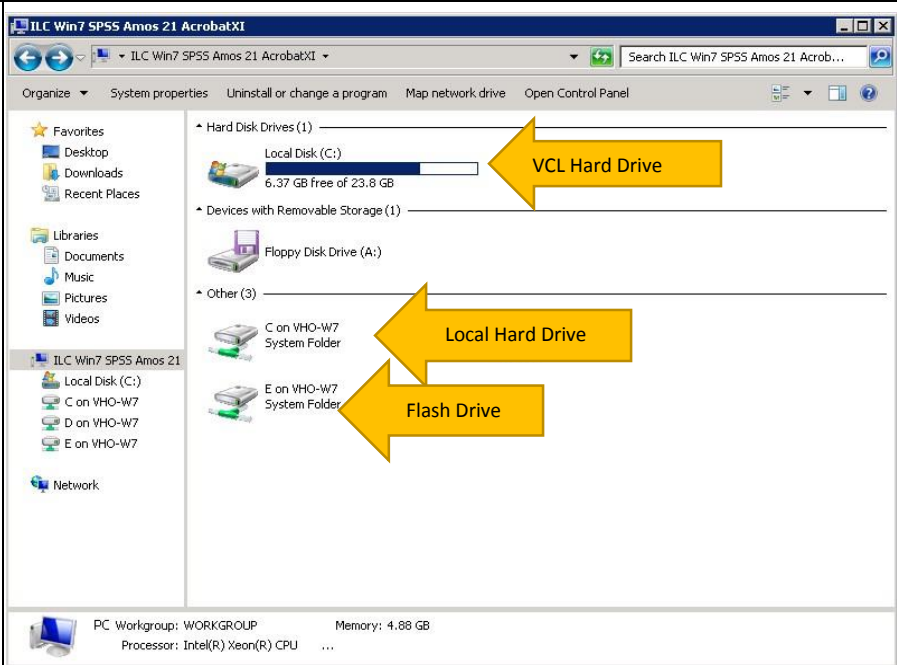
Your VCL session should now launch.



Saving and Accessing Drives

18. Work off of the VCL hard drive, and **REMEMBER** to move the files to your local hard drive or flash drive before your session ends! You will lose all your work if you don't.

Once the reservation time is up, you should get a popup warning, but in some cases you will not, so please **WATCH YOUR TIME!**



For a full video tutorial on how to use VCL please click on the following link:

[VCL Video Tutorial](#)