How to use Virtual Computer Lab

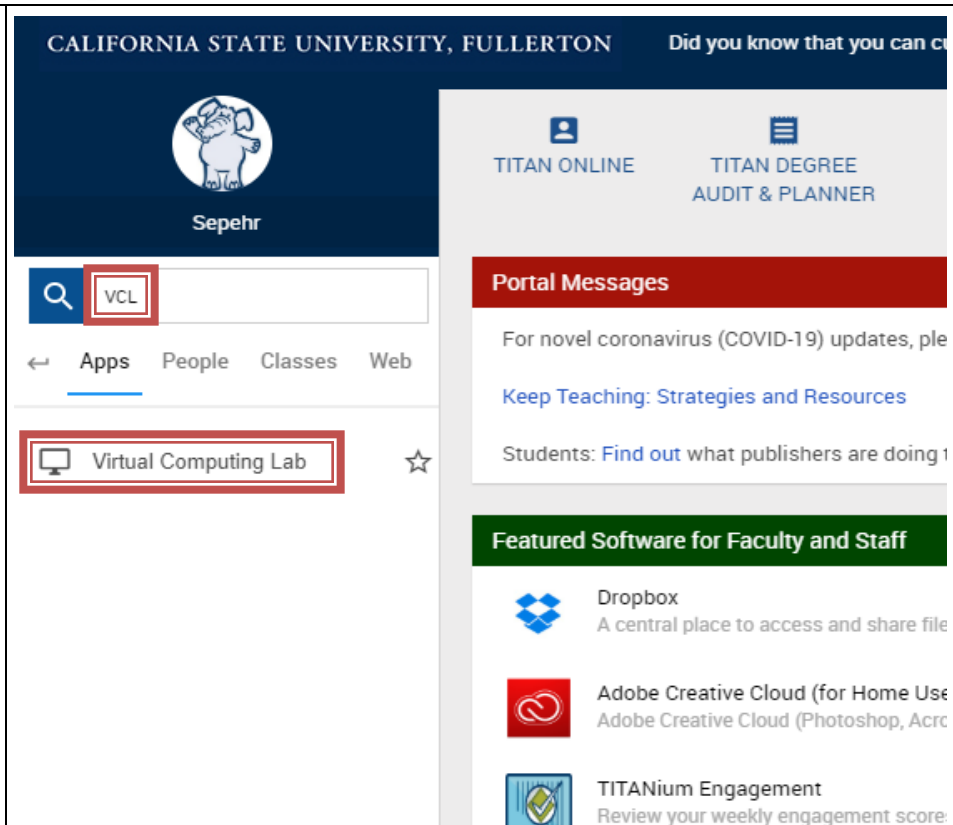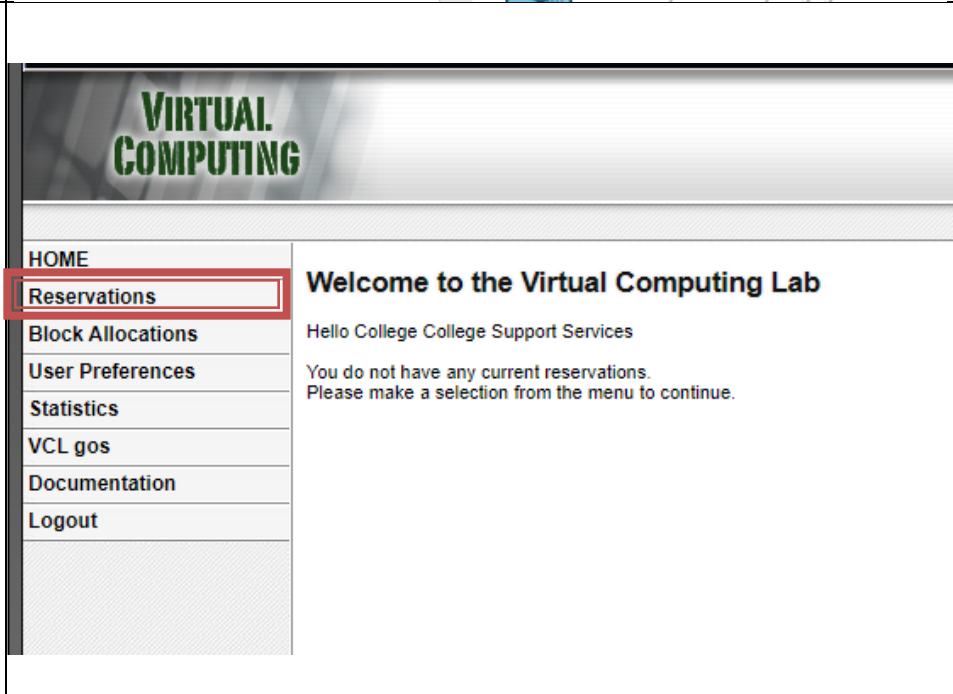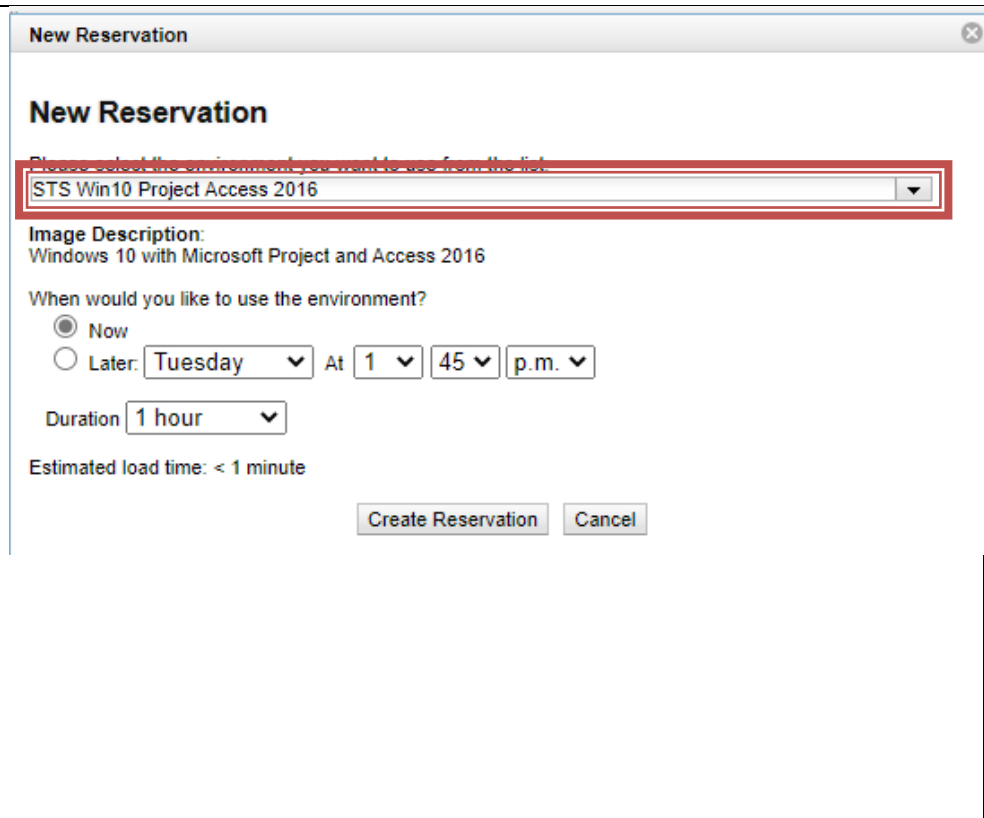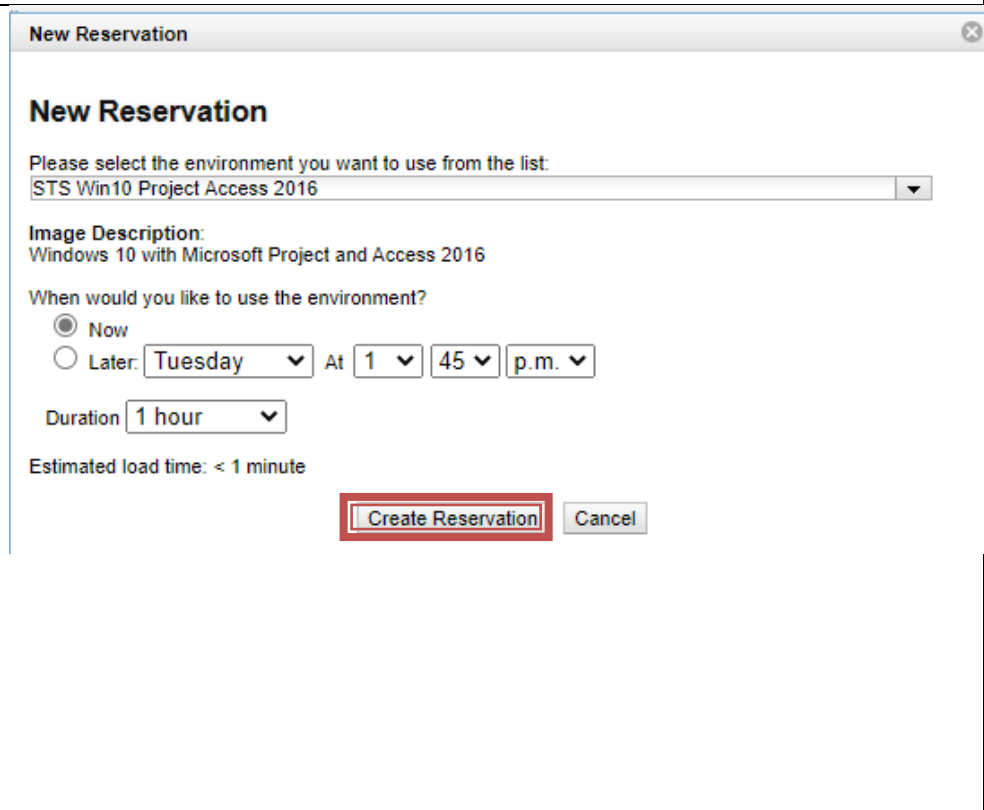|	
1. From your portal, type VCL on the search box on the left, and click on Virtual Computing Lab. *You can also access VCL through the direct login at:* vcl-i2.fullerton.edu	CALIFORNIA STATE UNIVERSITY, FULLERTON Did you know that you can c Sepehr TITAN ONLINE TITAN DEGREE AUDIT & PLANNER VCL Apps People Classes Web Virtual Computing Lab ☆ **Portal Messages** For novel coronavirus (COVID-19) updates, ple Keep Teaching: Strategies and Resources Students: Find out what publishers are doing **Featured Software for Faculty and Staff** Dropbox A central place to access and share file Adobe Creative Cloud (for Home Use Adobe Creative Cloud (Photoshop, Acro TITANium Engagement Review your weekly engagement score
2. Click on the "Reservation" link to begin reserving your VCL session.	**VIRTUAL COMPUTING** HOME Reservations Block Allocations User Preferences Statistics VCL gos Documentation Logout **Welcome to the Virtual Computing Lab** Hello College College Support Services You do not have any current reservations. Please make a selection from the menu to continue.

3. From the Drop-down menu, choose the software you would like to reserve. *For example, the user wishes to reserve a session with Windows 10, Microsoft Project, and Microsoft Access.* *User can choose the duration of the session (up to 4 hours) and make a reservation up to 4 days in advance.*	**New Reservation** ⊗ **New Reservation** Please select the environment you want to use from the list: STS Win10 Project Access 2016 ▼ **Image Description:** Windows 10 with Microsoft Project and Access 2016 When would you like to use the environment? ◉ Now ○ Later: Tuesday ▼ At 1 ▼ 45 ▼ p.m. ▼ Duration 1 hour ▼ Estimated load time: < 1 minute Create Reservation Cancel
4. Click the "Create Reservation" button to reserve your software.	**New Reservation** ⊗ **New Reservation** Please select the environment you want to use from the list: STS Win10 Project Access 2016 ▼ **Image Description:** Windows 10 with Microsoft Project and Access 2016 When would you like to use the environment? ◉ Now ○ Later: Tuesday ▼ At 1 ▼ 45 ▼ p.m. ▼ Duration 1 hour ▼ Estimated load time: < 1 minute Create Reservation Cancel

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

Launching your VCL session:

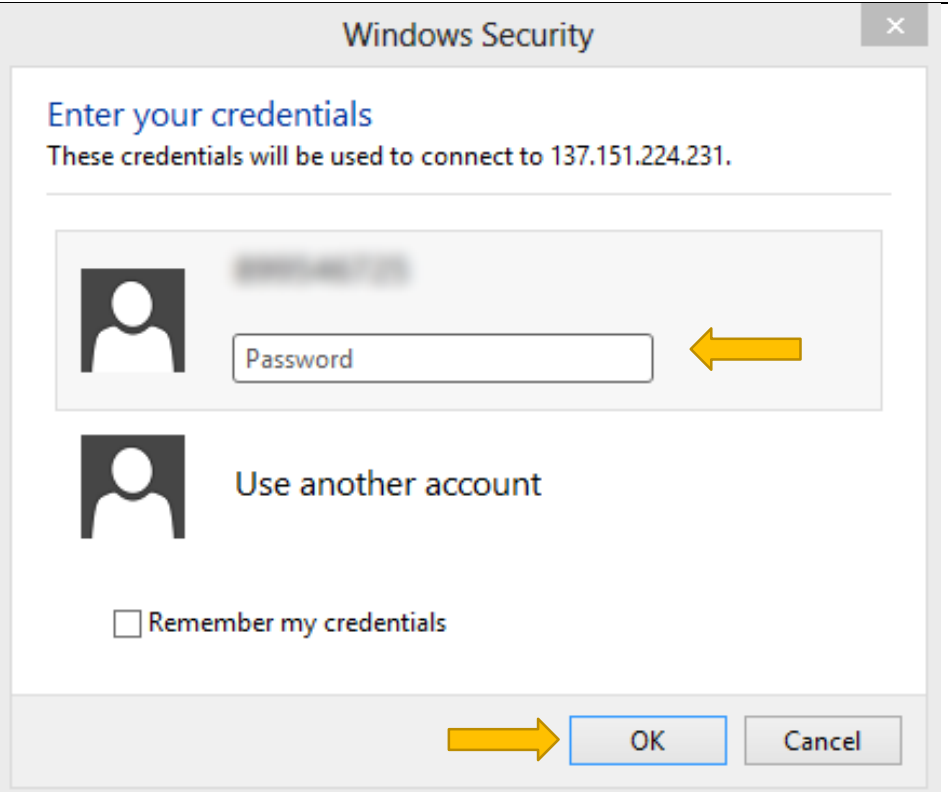|	
7. Click on the "Get RDP File" button. *Please note the **IP Address, User ID and Password**. You will need this to log in when you launch your session.* **Mac Users:** Please see step 11. **Ubuntu Users**: Please see step 12.	**VIRTUAL COMPUTING** [English ▾] HOME New Reservation **Current Reservations** 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 us web browser running on the same computer from which you will be cor 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 giver **NOTE: You cannot use the Windows Remote Desktop Connect** [Get RDP File] Copyright © 2004-2014 by Apach
8. Click the "OK" button to open up Remote Desktop Connection.	**Opening ILC Win7 SPSS Amos 21 AcrobatXl.rdp** ✕ You have chosen to open: 🗐 **ILC Win7 SPSS Amos 21 AcrobatXl.rdp** which is: Remote Desktop Connection (600 bytes) from: https://vcl.fullerton.edu What should Firefox do with this file? ◉ <u>O</u>pen with [Remote Desktop Connection (default) ▾] ○ <u>S</u>ave File ☐ Do this <u>a</u>utomatically for files like this from now on. [OK] [Cancel]

9. Enter your User ID and password from above and click the "OK" button.	**Windows Security** [×] Enter your credentials These credentials will be used to connect to 137.151.224.231. [Password] Use another account ☐ Remember my credentials OK Cancel
10. Click the "YES" button to begin your session.	**Remote Desktop Connection** [×] ⚠ **The identity of the remote computer cannot be verified. Do you want to connect anyway?** The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed. Certificate name ▭ Name in the certificate from the remote computer: PC Certificate errors The following errors were encountered while validating the remote computer's certificate: ⚠ The certificate is not from a trusted certifying authority. Do you want to connect despite these certificate errors? ☐ Don't ask me again for connections to this computer View certificate... Yes No

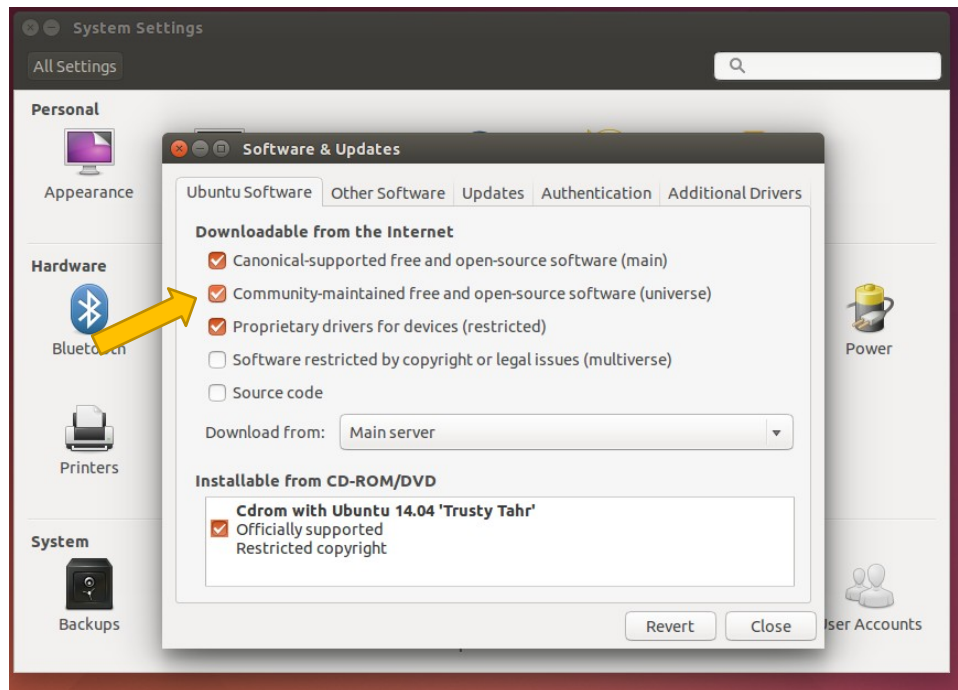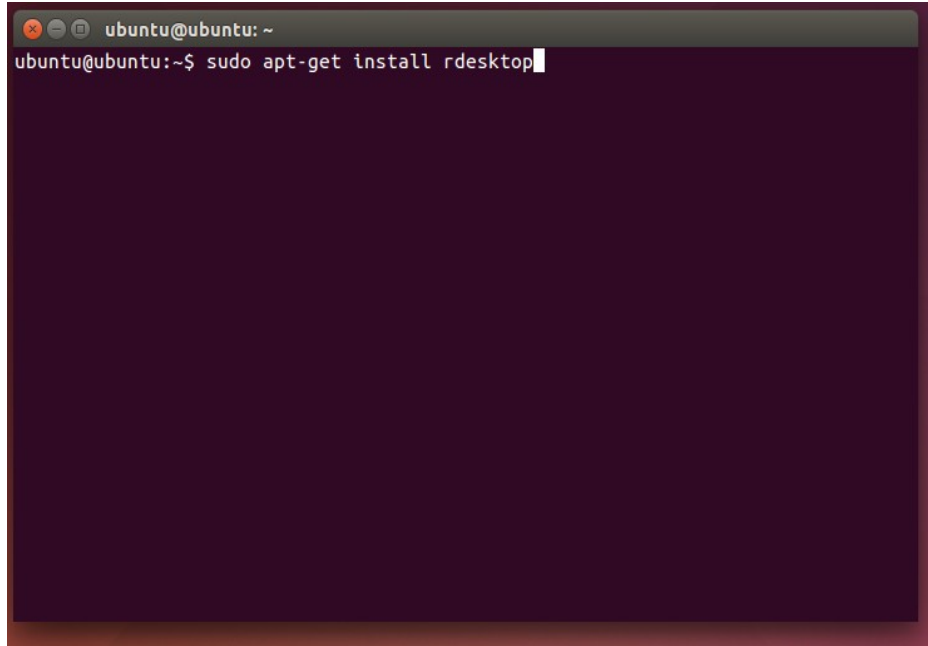|	
11. Mac users will need to install the Microsoft Remote Desktop app from the App Store. This free app allows a Mac computer to connect to a Windows-based computer.	**Mac App Store** Preview Open the Mac App Store to buy and download app **Microsoft Remote Desktop 10** 4+ Work from anywhere Microsoft Corporation ★★★★★ 1.5, 2 Ratings Free

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.	**System Settings** All Settings **Personal** Appearance **Software & Updates** Ubuntu Software	Other Software	Updates	Authentication	Additional Drivers **Downloadable from the Internet** ☑ Canonical-supported free and open-source software (main) ☑ Community-maintained free and open-source software (universe) ☑ Proprietary drivers for devices (restricted) ☐ Software restricted by copyright or legal issues (multiverse) ☐ Source code Download from: Main server **Installable from CD-ROM/DVD** **Cdrom with Ubuntu 14.04 'Trusty Tahr'** ☑ Officially supported Restricted copyright Revert Close

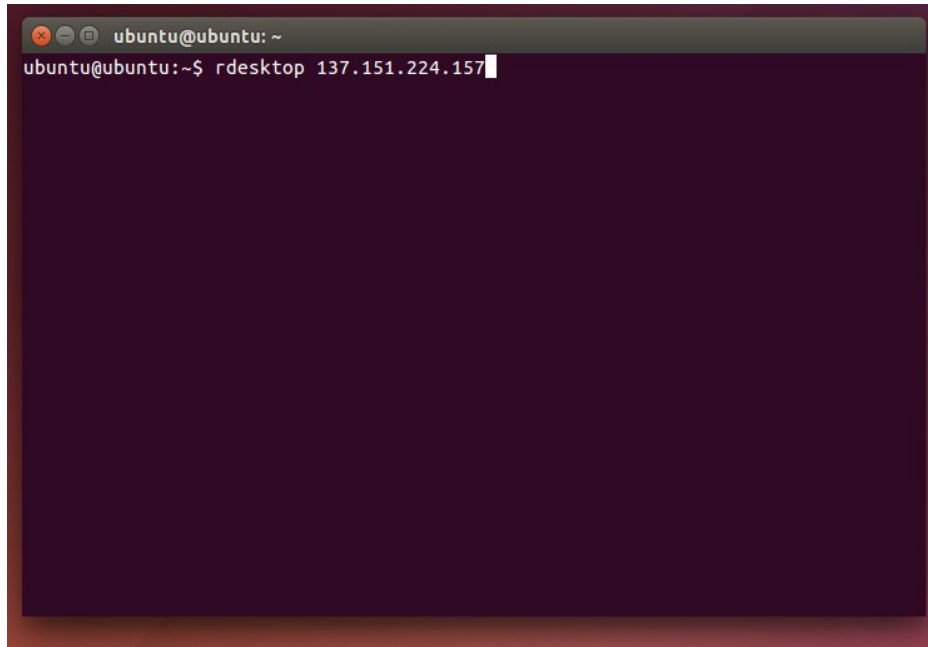|	
13. Open a new Terminal window and type the following command: "sudo apt-get install rdesktop" and press ENTER. *This will install a software that will enable you to connect to Windows-based machines.*	⊗⊖⊡ ubuntu@ubuntu: ~ ubuntu@ubuntu:~$ sudo apt-get install rdesktop
14. With Terminal open, enter 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.*	⊗⊖⊡ ubuntu@ubuntu: ~ ubuntu@ubuntu:~$ rdesktop 137.151.224.157

Saving and Accessing Drives

15. 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**!