Method 1 (Preferred): USING TAMU VOAL

1-Use the following link to connect to TAMU virtual open access lab website:

https://voal.tamu.edu/LAN

Log in with your NetID	MESSAGE CENTER				
in all lowercase	This computer system and data herein are available only for authorized purposes by authorized users. Use for any othe purpose may result in administrative/disciplinary actions o				
User name:	criminal prosecution against the user. Usage may be subject to security testing and monitoring. Applicable				
Password:	privacy laws establish the expectations of privacy.				
Domain: TAMU.EDU	For additional information please see: http://cio.tamu.edu/Policy_Risk_Compliance/IT_Policy/				
Login					

- 2- Login with your NetID and Password and follow instruction to download and install required software.
- 3- You should be able to connect to a virtual machine by clicking VOAL icon.

Virtual Open Access La	M r y ab		
		Applications	Preferences Downloads
Click on the icon of the a	opplication that you wish to start.		III Split Icons •
My Applications Applications ArcGIS AutoDetk Desktops LabView Primavera SA3 9.4 SolidWorks	VOAL		

4- All required software (Xming and Putty) are available on the virtual machine.

5- Open Xming to be able to transfer cadence graphics to your remote machine.



Nothing will show up on your screen but you should be able to see the icon in the taskbar:



6- You can use Putty software to connect to Hera or Apollo servers:

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	putty				
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7- In Putty configuration window, the first thing you need to do is to turn on the X11 forwarding to enable sending the cadence graphics to remote machine. You can do it by checking "Enable X11 forwarding" in SSH >> X11:



8- Now go back to session menu and use one of the following addresses to connect to Hera or Apollo servers and press open:

hera.ece.tamu.edu

Or

apollo.ece.tamu.edu

🕵 PuTTY Configuration		? ×
Category:		
Session	Basic options for your PuTTY se	ession
····· Logging	Specify the destination you want to conne	ect to
	Host Name (co IP address)	Port
- Keyboard	apollo.ece.tamu.edu	22
Features	Contraction	
- Window	Raw Telnet Rlogin SSI	H O Serial
- Appearance	Lond over a delate a david sector	
Behaviour	Load, save or delete a stored session	
···· Translation	Saved Sessions	1
Selection]
	Default Settings	Load
Data		Cours
Proxy		Save
···· Telnet		Delete
Rlogin		
i⊒- SSH		
Kex	Close window on exit:	
- Cipher	○ Always ○ Never ④ Only on c	lean exit
⊕ Auth	1	
About H	elp Open	Cancel

8- It will ask you for username and password and you will be connected to the server.

Method 2: Using TAMU VPN:

You can use any SSH client with X11 forwarding (like Xming and Putty) on your personal computer to directly connect to university servers. If you are off-campus you just need to use TAMU VPN to connect to university network and then run these software. The rest of the process is exactly same as connecting from a VOAL machine to Linux servers. You can find the step-by-step instruction for downloading and connecting to VPN here:

http://it.tamu.edu/Network_and_Internet_Access/Virtual_Private_Networks/Virtual_Private_Network_ VPN/index.php