## **Connecting to Secure Wireless Network in Windows 7**

This document will guide you through the process of connecting to the secure wireless network in Windows 7. Images marked in red indicate where you should click to complete that particular step.

1: Turn ON WIFI.



2: Once the wireless tab has opened, select the link marked "Open Network and Sharing Center".



3: Once the "Network and Sharing Center" windows opens, select the link marked "Set up a new connection or network".



4: As the "Set Up a New Connection or Network" window pops up select the option marked "Manually connect to a wireless network" and select next.



5: In the window now shown, input the following and select next:

Network Name: "SSID Name"

## Network Type: WPA-2 Enterprise

**Encryption Type: AES** 

Start This Connection Automatically: Checked

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maga we	Enter information fo	r the wireless network you want to add	See hut
ange ad: ange ad	Network name:	TrumanSecureWindess	
tings	Security type:	WPA2-Enterprise -	a second
	Encryption type:	AES -	
	Security Key:	E Hide chaveter	
	2 Start this connection	n automatically	an brac
	Connect even if the Warning: If you set	network is not broadcasting of this option, your computer's privacy might be at risk.	
			entings
			Kext Cancel
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6: After the network has been successfully added select the "Change connection settings" link.



7: Once the wireless properties window has popped up select the "Security" tab and confirm the following:

Security Type: WPA-2 Enterprise

Encryption Type: AES

Network Authentication: Microsoft Protected EAP (PEAP).

Remember My Credentials For This Connection : Checked.

onnection Security	
Security type:	WPA2-Enterprise
Encryption type:	AES 👻
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Remember my cr	redentials for this connection each

8: In the PEAP connection window make sure to uncheck the "Validate server certificate" and then click on the "Configure.." button

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Validate servers	
Connect to these servers:	
Connect to these servers:	
_ Connect to these servers.	
rusted Root Certification Authorities:	
Class 3 Public Primary Certification Authority	
GTE CyberTrust Global Root	
Microsoft Root Authority	
Microsoft Root Certificate Authority	
Thawte Timestamping CA	
Do not prompt user to authorize new servers or truste certification authorities.	d
et Authorities Kan Mathada	
ct Autentication Method:	
cured password (EAP-MSCHAP v2)	Configure.
cured password (EAP-MSCHAP v2)	Configure.
Enable Fast Reconnect	Configure.
Enable Fast Reconnect Enforce Network Access Protection Disconnect if server does not present cryptobinding TLV	Configure.

## 9: Then Click on Advance settings and in the next TAB Specify authentication mode : checked and select User authentication as shown in red mark. Click OK.

	Advanced settings
Connection Security	802. 1X settings 802. 11 settings
Security type: WPA2-Enterprise   Encryption type: AES	Specify authentication mode:         User authentication         Delete credentials for all users
Choose a network authentication method: Microsoft: Protected EAP (PEAP)    Remember my credentials for this connection each time I'm logged on  Advanced settings	<ul> <li>Enable single sign on for this network</li> <li>Perform immediately before user logon</li> <li>Perform immediately after user logon</li> <li>Maximum delay (seconds):         <ol> <li>10</li> <li>Allow additional dialogs to be displayed during single sign on</li> <li>This network uses separate virtual LANs for machine and user authentication</li> </ol> </li> </ul>
OK Cancel	OK Cancel

10: As the window pops up make sure to uncheck the "Automatically use my Windows logon name and password" selection and then select <u>ok</u>.

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Automatical	y use my W	/indows logo	n name an
password (a	nd dom y i	if any).	

- Select <u>ok</u> on the "PEAP Connection" window.
- Select <u>ok</u> on the "Network Properties" window.
- Click close at the bottom of the "Manually connect to a wireless network" window

