# Setting up Windows 7 to connect to the SBU Secure wireless network

1. Go to Start > Control Panel > Network and Sharing Center

🖉 🗢 😨 🕨 Control Panel 🕨	All Control Panel Items   Network and Sharing Center	✓ ✓ Search Control Panel
Control Panel Home	View your basic network information and	set up connections
Manage wireless networks	A	See full map
Change adapter settings Change advanced sharing	DDONNER43002 sbu.edu (This computer)	Internet
settings	View your active networks	Connect or disconnect
		Access type: Internet
	sbu.edu Domain network	Connections: Uccal Area Connection Wireless Network Connection (SBUSEC)
	<ul> <li>Set up a new connection or network</li> <li>Set up a wireless, broadband, dial-up, ad hoc</li> <li>Connect to a network</li> <li>Connect or reconnect to a wireless, wired, dia</li> <li>Choose homegroup and sharing options</li> <li>Access files and printers located on other net</li> </ul>	, or VPN connection; or set up a router or access point. al-up, or VPN network connection. work computers, or change sharing settings.
See also		
HomeGroup	Dispace and consistent work problems	t traublacheating information
Internet Options	Diagnose and repair network problems, or ge	a troubleshooting information.
Windows Firewall	$\backslash$	
Windows Mobile Device Center	$\backslash$	

#### 4. Click on "Add"



5. Select Manually create a network profile



Enter the following information:

- Network name: SBUSEC (all in caps this is case sensative)
   Security type: WPA2-Enterprise
   Encryption type: AES

Enter information	for the wireless network you want to add
Network name:	SBUSEC
Security type:	WPA2-Enterprise
Encryption type:	AES 👻
Security Key:	Hide characters
V Start this connect	ction automatically
Connect even if	the network is not broadcasting
Warning: If you	select this option, your computer's privacy might be at risk.
	Next Ca

- 8. Click Next

### 9. Select Change connection settings



- 10. Click the Security tab.11. Uncheck "Remember my credentials for this connection12. Click on "Settings" next to Microsoft: Protected EAP (PEAP)

SBUSEC Wireless Networ	k Properties		×
Connection Security			
Security type: Encryption type:	WPA2-Enterprise	▼ ▼	
Choose a network aut Microsoft: Protected B Remember my cred time I'm logged on	nentication method: EAP (PEAP) 🔻	Settings ion each	
Advanced settings			
		ок Са	ancel

## 13. From the **Protected EAP Properties window**:

When connecting: Validate server certificate Connect to these servers: Trusted Root Certification Authorities:
Validate server certificate
Trusted Root Certification Authorities:
Class 3 Lublic Primary Certification Authority
Entrust.net Certification Authority (2048)
Entrust.netSecure Server Certification Authority
Equitax Secure Certificate Authority
GIE Cyber Irus Global Root
Microsoft Root Certificate Authority
Thavte Timestamping CA
Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
Secured password (EAP-MSCHAP v2)
Enable Fast Reconnect
Enforce Network Access Protection     Disconnect if conver does not present cyurtabindide TLV
Enable Identity Privacy
Caricel

- Uncheck Validate Server Certificate
   Click Configure

14. Uncheck Automatically use my Windows Logon name and password (and domain if any)

Protected EAP Properties	X
EAP MSCHAPv2 Properties	
When connecting: Automatically use my Windows logon name and password (and domain if any).	
OK Cancel	
Equifax Secure Certificate Authority	
Microsoft Root Authority	
Microsoft Root Certificate Authority	
Do not prompt user to authorize new servers or trusted certification authorities.	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2)  Configure	
✓ Enable Fast Reconnect	
Enforce Network Access Protection	
Disconnect if server does not present cryptobinding TLV     Enable Identity Privacy	
OK Cancel	

15. Click OK twice to get back to the SBUSEC Wireless Network Properties screen

SBUSEC Wireless Netwo	rk Properties	×
Connection Security		
Security type:	WPA2-Enterprise	
Encryption type:	AES 🔻	
Choose a network aut	hentication method:	
Microsoft: Protected	EAP (PEAP)    Settings	
Remember my cree time I'm logged on	dentials for this connection each	
Advanced settings	OK Ca	Incel

16. Click on the "Advanced settings" button

- 17. Check "Specify Authentication mode"18. Change the dropdown box to "User Authentication"19. Click on the "Save credentials" button

Advanced settings
802.1X settings 802.11 settings
Specify authentication mode:
User authentication   Save credentials
Delete credentials for all users
Enable single sign on for this network
Perform immediately before user logon
Perform immediately after user logon
Maximum delay (seconds): 10
Allow additional dialogs to be displayed during single sign on
This network uses separate virtual LANs for machine and user authentication
OK Cancel

## 20. Enter your SBU username and password

0	SBUSEC Wireless Network Properties
	Connection Security
	Advanced settings
	802.1X settings 802.11 settings
	Specify authentication mode:
	Windows Security
	Save credentials Saving your credentials allows your computer to connect to the network
	when you're not logged on (for example, to download updates).
	smithjt12

21. Click OK on all screens to get back to your desktop

22. If you click on your wireless connections down by your system clock you should see the SBUSEC network connect (may take a few seconds)



# **Congratulations!**

You are now connected to the secure wireless at St. Bonaventure so you should not have to authenticate every time you open a browser.