



St. Clair College Wireless Overview

St. Clair College hosts several wireless networks to support students, faculty and staff. Please review the below for further information and instructions.

These services are based on a secure reliable platform using WPA/2 enterprise encryption with 802.1X authentication. Please be aware devices that use WPA personal encryption will not work on this network, including some wireless printers, gaming consoles, etc.

Overview

SCCSTUDENT5G (Student wireless network 5GHz network)

- If faster speeds and a more reliable connection are most important to you, 5GHz is usually a better choice than 2.4 GHz.
- The 5GHz band is less likely to be congested, and offer much higher data transfer speeds.
- For Wi-Fi dense areas like the residences we recommend the use of this network.
- We recommend that Apple devices connect to this network.

SCCSTUDENT (Student wireless network 2.4GHz/5GHz network)

Most devices have the capability of using 2.4GHz & 5GHz and might default to 5GHz using this network, unless you have the ability to change the settings.

- If wireless range is more important to you, 2.4 GHz is usually a better choice than 5 GHz.
- If you have a lot of devices nearby that use 2.4 GHz and you are experiencing intermittent connectivity issues or dropped wireless connection then 5 GHz is probably a better option.
- If you have an older device that doesn't support 5GHz then 2.4GHz is to be used.

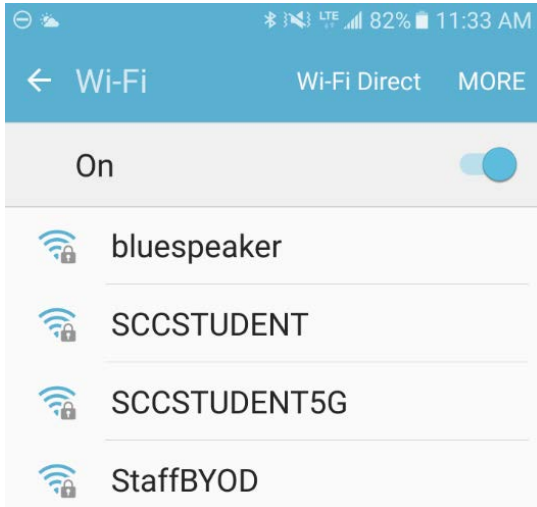
StaffBYOD (Staff wireless network 2.4GHz/5GHz for personal devices)

- Use this network if you're a current staff member requiring Internet access for your personal devices, such as phones and tablets.
- This network does not connect to any internal resources and only connects to the Internet.

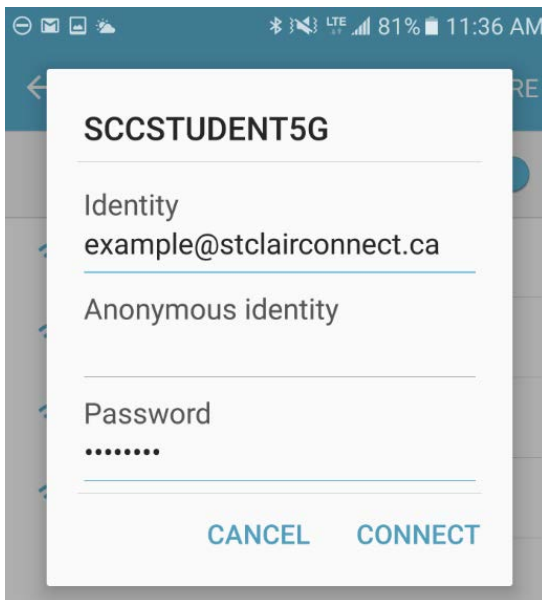
Supported platforms include most Windows systems, iOS devices, Android devices. Please see the below guides on how to connect your device to these networks.

Android Devices 3.0-6.x

- 1) Select the appropriate Wi-Fi network (**SCCSTUDENT/SCCSTUDENT5G/StaffBYOD**) based on your needs.



- 2) Next input your [St. Clair ONE](#) *username* and *password* into the Identity and Password fields and select CONNECT. Leave all other settings the default.



Android Devices 7.x

On newer Android 7.x devices you may need to change CA certificate (unspecified) to (Use system certificates) from the certificate drop down and enter Domain **radius.stclaircollege.ca**

Use system certificates (Android OS 7.x only)

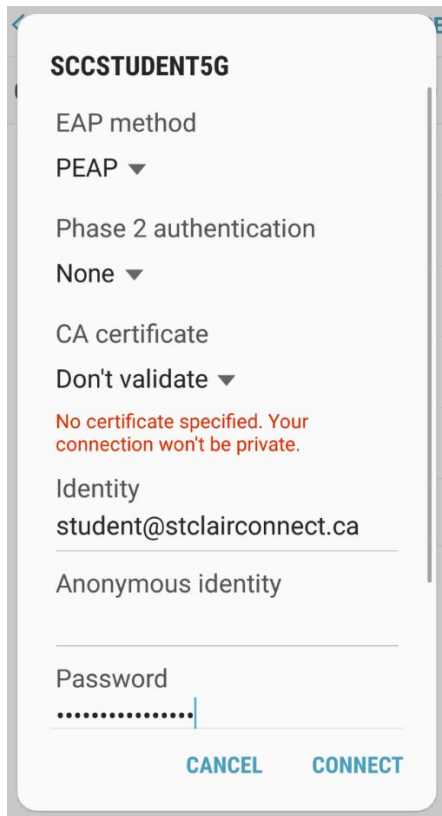
CA certificate

Use system certificates ▼

Domain

radius.stclaircollege.ca

Some recent updates on Android 7.0 (2018-04-12) require that you select **Don't validate** for CA certificate otherwise the password field will remain locked.



The screenshot shows a connection settings dialog for a network named 'SCCSTUDENT5G'. The settings are as follows:

- EAP method: PEAP ▼
- Phase 2 authentication: None ▼
- CA certificate: Don't validate ▼
- A warning message: "No certificate specified. Your connection won't be private."
- Identity: student@stclairconnect.ca
- Anonymous identity: (empty field)
- Password: (masked with dots)

At the bottom, there are two buttons: 'CANCEL' and 'CONNECT'.

If your connection settings look different, as different manufactures use different connection wizards below are the settings required for SCCSTUDENT/SCCSTUDENT5G/StaffBYOD

*From the EAP method drop-down list, tap **PEAP**.*

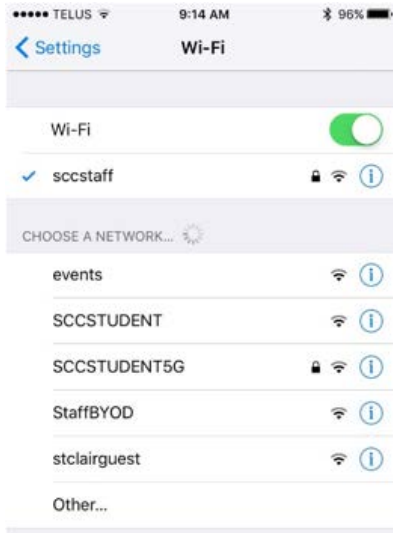
*From the Phase 2 authentication drop-down list, tap **NONE***

From the CA certificate drop-down list, tap Use system certificates.

*In the Domain text box, type: **radius.stclaircollege.ca***

iOSs

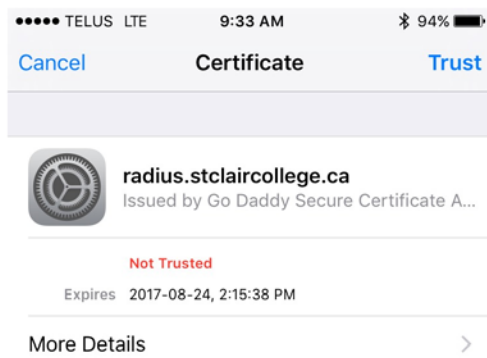
- 1) Select the appropriate Wi-Fi network (SCCSTUDENT/SCCSTUDENT5G/StaffBYOD) based on your needs.



- 2) Next input your [St. Clair ONE](#) username and password into the Username and Password fields and proceed.

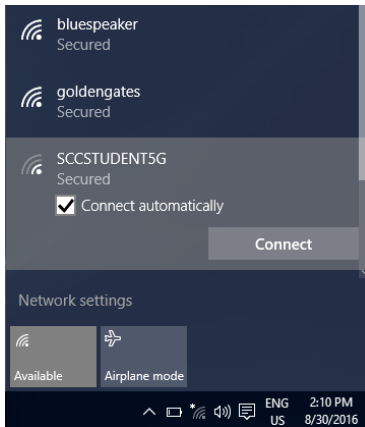


- 3) **Trust** the SSL certificate – radius.stclaircollege.ca



Windows

- 1) Select the appropriate Wi-Fi network (SCCSTUDENT/SCCSTUDENT5G/StaffBYOD) based on your needs. *(If you want to connect automatically within range of the selected network make sure Connect automatically is checked)*



- 2) Next input your [St. Clair ONE](#) username and password into the User name and Password fields and proceed.



- 3) Next select Connect

