

Abbey Gate College

BYOD Wi-Fi Network

Certificate Installation

To configure uninterrupted access to the Abbey Gate College's BYOD Wi-Fi network, a security certificate must first be installed on your device. This document explains how to do this on various platforms and devices.

Page 2: Internet Explorer & Google Chrome (Windows 7 / 8 / 8.1 / 10)

Page 3: Firefox (Windows 7 / 8 / 8.1 / 10 / Mac OS X)

Page 4: iOS (iPhone / iPad / iPod Touch)

Page 6: Android (Marshmallow & above)

Page 7: <u>OS X</u>

Page 8: Chromebooks

Internet Explorer & Google Chrome (Windows 7 / 8 / 8.1 / 10)

From your Windows device download the certificate by clicking on this link

Browse to the file download and double-click it

Click Open

Click Install Certificate

iertificate
General Details Certification Path
Certificate Information
This certificate is intended for the following purpose(s): • All issuance policies • All application policies
Issued to: abbeygatecollege-root-ca
Issued by: abbeygatecollege-root-ca
Valid from 31/03/2017 to 31/03/2067
Learn more about Letificates
OK

Select Place all certificates in the following

store and click Browse



(Windows 10 Users choose Local Machine) Click Next

Certificate Import Wizard	
Certificate Import Wizard	Welcome to the Certificate Import Wizard This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store. A certificate store. A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept. To continue, dick Next.
	< Back Next > Cancel

Select Trusted Root Certification

Authorities and click OK



Click Next and OK and OK to the security warning – you should receive the import success notification.

This completes the certificate install on Windows based workstations

*Windows 7 pictured

Firefox (Windows 7 / 8 / 8.1 / 10 / Mac OS X)

From your device download the certificate by clicking on this <u>link</u>. Open Firefox and click on **Menu** and click **Options /Preferences (Mac OS X)**



Choose Advanced > Certificates > View Certificates

Choose Import and browse to the file downloaded in the previous step and choose Open

The following box will appear, choose Trust this CA to identify web sites and choose OK

Downloading Certificate	×
You have been asked to trust a new Certificate Authority (CA).	
Do you want to trust "abbeygatecollege-root-ca" for the following purposes?	
Trust this CA to identify web sites.	
Trust this CA to identify email users.	
Trust this CA to identify software developers.	
Before trusting this CA for any purpose, you should examine its certificate and its policy and procedures (if available).	
View Examine CA certificate	
OK Canc	el

Click **OK** to close Certificate Manager

This completes the certificate install for Firefox

*Firefox version 52.0.2 (Windows) pictured

iOS (iPhone / iPad / iPod Touch)

From your iOS device download the certificate by clicking on this link

Click **Allow** to the message

A prompt will appear displaying Profile Downloaded click Close

Go to Settings > General > Profile

Click on the downloaded profile



Click Install enter your passcode if prompted

Click Install and Install

al	obeygatecolleg	e-root-ca
Signed by a	bbeygatecollege-roo lot Verified	t-ca
Contains C	ertificate	
More Detai	ls	>
Remov	ve Downloaded	Profile
	10:34	0 35% 💶
🛾 Safari 👓 🍕		
Safari ••০০০ ৰ Cancel	Warning	Install

certificates on your iPhone. This certificate will not be trusted for websites until you enable it in Certificate Trust Settings.

UNVERIFIED PROFILE

The authenticity of "abbeygatecollege-rootca" cannot be verified.

Click Done



On the latest iOS we now need to enable the certificate.

Go to Settings > General > About

	Settings	General	
\langle	About		>
	Software Update		>
	AirDrop		>
	Handoff		>
	CarPlay		>
	Accessibility		>
	Accessibility		>

Scroll down to the very bottom and choose Certificate Trust Settings

Enable the Root Certificate here, click Continue to the Root Certificate warning

Trust Store Version 2018040	About Certificate Trust Settings					
Trust Store Version 2018040						
	200					
ENABLE FULL TRUST FOR ROOT CERTIFICATES						
abbeygatecollege-root-ca	\bigcirc					

Close Settings to finish

This completes the certificate install on iOS devices

*iOS 12.3.1 pictured

Android

To install a certificate on Android you will need a PIN/Swipe lock setup on your device, please consult your device documentation for more information

From your Android device download the certificate by clicking on this link

Download the certificate and swipe down from the home screen and click on AGC_Root_CA_256.cer



Give the certificate a suitable name e.g. College Wi-Fi and click **OK**



This completes the certificate install on Android devices

*Android 6.0 Marshmallow pictured

OS X

From your OS X device download the certificate by clicking on this link

Open Finder > Downloads and double click the certificate this will open Keychain Access.

Within Keychain Access, double click the abbeygatecollege-root-ca certificate



abbeygatecollege-root-ca Root certificate authority Expires: Thursday, 31 March 2067 at 12:35:38 British Summer Time This root certificate is not trusted

Name		Kind	Date Modified	Expires	Keychain
📷 *.ai	bbeygatecollege.co.uk	certificate		23 Jan 2018, 13:53:00	login
@ 172	2.16.0.62 (phil.rowlands)	Internet password	2 Apr 2017, 12:39:11		login
<pre></pre>	ey>	public key			login
~ k €	ey>	private key			login
🚽 📷 abl	beygatecollege-root-ca	certificate		31 Mar 2067, 12:35:38	login

Expand Trust (if not already) and select Always Trust from the drop down menu.

Click Close (you may be prompted for your MacBook password to complete this step)

• • •	abbeyg	gatecollege-root-ca	
Centificate Root certific Expires: Thu O This root	ate authority rsday, 31 Ma certificate is	oot-ca / arch 2067 at 12:35:38 not trusted	British Summer Time
▼ Trust			
When using this	certificate:	Always Trust	○ ?
Secure Sockets L	ayer (SSL)	Always Trust	0
Secure Mai	I (S/MIME)	Always Trust	٥
Extensible Authentica	tion (EAP)	Always Trust	٥
IP Secur	ity (IPsec)	Always Trust	٥
Co	de Signing	Always Trust	٥
Time Stamping		Always Trust	٥
X.509 Basic Policy		Always Trust	٢
Details			
Domain Component Domain Component Common Name	local abbeygated abbeygated	college college-root-ca	

This completes the certificate install on OS X devices

*macOS Sierra pictured

Chromebooks

From your Chromebook device download the certificate by clicking on this link

Launch Google Chrome and in the address bar type in **chrome://settings/certificates**

	🔅 Settings		× +	
	\leftrightarrow \rightarrow G	S Chrome	chrome:// settings /cer	tificates
Click th	ne Authorities tab and th	hen click IMPORT		
\leftarrow	Manage certificates			
	Your certificates	Servers	Authorities	Others
You	have certificates on file that iden	tify these certificate au	horities	IMPORT

From the Select a file to open page change the option in the bottom left to All files



and browse to where the certificate was downloaded to in the first step, click on it and click Open

My files → Downloads	
() Recent	Name
✓	AGC_Root_CA_256.cer
👱 Downloads	

Please continue onto Page 9

Chromebooks Continued...

This will bring up the **Certificate authority** options, click the top two boxes and click **OK**

Cer	Certificate authority					
The	The certificate "abbeygatecollege-root-ca" represents a Certification Authority					
Trus	st settings					
~	Trust this certificate for identifying websites					
~	Trust this certificate for identifying email users					
	Trust this certificate for identifying software makers					
	Cancel					
To confirm instal	lation, you should see the certificate listed here					
Yo	u have certificates on file that identify these certificate authorities IMPORT					
org	-abbeygatecollege-root-ca	,				

Close Google Chrome to complete the installation.

This completes the certificate install on Chromebooks

*Chromebook OS version 69.0.347 pictured