

# **WELCOME TO THE GWC WIRELESS NETWORK**



## **Golden West College**

### **Guest Mode Wireless Authentication**

The wireless network at Golden West College is subject to the college's acceptable use policy; refer to <http://www.gwc.info/lrsc/policy.html> or <http://www.gwc.info/Catalog/508/policies.html> or the student handbook for detail information. The staff policy (faculty, classified, and management) Computer and Electronic Resource Systems was approved January 19, 2005. In addition, all users are subject to state and federal guidelines. All Guest Mode users should use appropriate conduct while using the wireless network.

Wireless security standards are still in their infancy and there are different methods for connecting and providing security. This document describes the guidelines for associating to our wireless network in "guest mode" where wireless security is minimal. Any data, including passwords, are sent in clear text and are susceptible to being captured by anybody able to receive these wireless transmissions. Also, wireless devices should have current anti-virus and firewall software installed and running to protect the user's device from viruses and/or anyone attempting to gain access to the device.

### **Network Guidelines:**

1. Use of this network is subject to our internet service provider, CENIC, guidelines which can be found at this URL <http://www.cenic.org/calren/policies/k12aup.pdf>.
2. We reserve the right to limit bandwidth on a per connection basis on the wireless network, as necessary, to ensure network reliability and fair sharing of network resources for all wireless users.
3. We reserve the right to monitor and log communications on a per connection basis to ensure proper usage of network resources.
4. Mass emailing, or spamming, will not be tolerated on the wireless network.
5. Running servers or daemons on the wireless network is prohibited.
6. Any attempt to break into or gain unauthorized access to any computers or systems from a wireless connection is prohibited. Violators will be reported to the authorities.
7. Any type of Denial of Service attack (DoS attack) using the wireless network will not be tolerated. Violators will be reported to the authorities.
8. Running any unauthorized data packet collection programs on the wireless network is prohibited. Violators will be reported to the authorities.

GWC HIGHLY RECOMMENDS THAT WIRELESS NETWORK USERS DO NOT SUBMIT IMPORTANT INFORMATION SUCH AS PASSWORDS AND CREDIT CARD NUMBERS ON A WEB SITE FORM UNLESS THE WEB SITE FORM USES SSL ENCRYPTION.

**There are several steps required to successfully connect:**

1. Currently we support the 802.11b (11 Mbps) and 802.11g (54 Mbps) wireless standards. You will need to activate a wireless NIC card that at least supports 802.11b.
2. Your computer's network settings must be configured to use DHCP.
3. Your wireless adapter will associate with one of our wireless access points and be connected to the GWC SSID.
4. Start your Internet browser. An internal web page will appear stating the wireless guidelines. Click the "Accept" button after reading the information to browse the Internet.
5. You may have to release and then renew your old IP address settings. This is done differently depending on what version of Windows you are running. Follow the procedure below if needed:
  - A. In Windows NT, 2000 and XP, open a DOS command shell window. Use the commands **ipconfig /release** and **ipconfig /renew** to release and then get a temporary address from the network. You can check your IP configuration using the command **ipconfig /all**
  - B. To verify and view your IP address, you can use **ipconfig /all** from a command shell prompt. Your new GWC address should be in the range of 159.115.x.x to 159.115.x.x.

**Troubleshooting**

For information about setting up and using wireless on campus, visit the student center, library, DSS and student success center for handouts.

Our wireless network on campus is maintained on a best effort basis. If the wireless access service is not working, please see the Student Activities office for status or report the problem to the Student Activities office. The Student Activity Office will then contact TSS (Technology Support Services) to initiate a service request.

**Notes:**

All procedures and guidelines have been reviewed and approved by the College Technology Committee and the administration.