

Wireless Network Standards

The Office of Campus Computing considers the wireless network to be part of the mission statements we follow to provide campus-wide network management, reliability and service. Hence, as we expect with the hard-wired network infrastructure on campus, we also expect that individuals or departments do not install their own wireless infrastructure due to the potential for conflict and degrading of reliability and service. This includes routers, wireless printers, mobile hot spots and wireless speakers.

More so than hard-wired network technology, wireless networking has a multitude of areas that can conflict with campus services. Channel allocations, device placement and configuration of network names (SSIDs) all have the potential to disrupt a critical campus services. Unlike copper or fiber optic cable networks, wireless technology requires a multi-dimensional design.

The standard for wireless network equipment is Cisco Aironet Wireless Access Points that provide IEEE 802.11n and 802.11ac wireless communications. It's important to remember wireless technology is always evolving and Campus Computing is constantly working to keep our infrastructure current to mobile industry standards.