**Supplemental Videos and Reading for Chapter 7**

**Video Links:**

[Radio Wave Propagation](https://www.youtube.com/watch?v=kbDhUsX5u9w)

[QAM (Quadrature Amplitude Modulation)](https://www.youtube.com/watch?v=IbUflaeJcU8)

[Wi-Fi Service Sets: BSS, ESS, DS, and IBSS](https://www.youtube.com/watch?v=QX2LZ1O3WkA)

[What is Mesh Wi-Fi?](https://www.youtube.com/watch?v=TEsFtdBCTMQ)

[CSMA/CA with and without RTS/CTS](https://www.youtube.com/watch?v=My4VDzviiNg)

[Wi-Fi 6 vs 6E vs 7](https://www.youtube.com/watch?v=z2Dknn6oFZ4)

[Wi-Fi Channels and Channel Bonding](https://www.youtube.com/watch?v=p5ou6DCH170)

[From OFDM to OFDMA](https://www.youtube.com/watch?v=-Xtfo-OI75w)

[What is the Difference Between WPA, WPA2, and WPA3?](https://www.youtube.com/watch?v=-Xtfo-OI75w)

[WPA3: The Most Advanced Wi-Fi Security](https://www.youtube.com/watch?v=-Xtfo-OI75w)

[What is a Private Cellular Network?](https://www.youtube.com/watch?v=3WTsua4ho1g)

**Supplemental Readings:**

[What is QAM: Quadrature Amplitude Modulation](https://www.electronics-notes.com/articles/radio/modulation/quadrature-amplitude-modulation-what-is-qam-basics.php)

[802.11 Topologies AKA Service Sets](https://www.wifi-professionals.com/2019/03/802-11-topologies-aka-service-sets)

[What is Mesh Wi-Fi and How does it Work?](https://computer.howstuffworks.com/how-wireless-mesh-networks-work.htm)

[How does CSMA/CA Work?](https://www.educative.io/answers/how-does-csma-ca-work)

[Wi-Fi 6 vs Wi-Fi 7: Unraveling the Key Differences](https://reolink.com/blog/wifi-6-vs-wifi-7/)

[ODFM vs ODFMA: Understanding the Differences](https://www.linkedin.com/pulse/understanding-differences-ofdm-vs-ofdma-gxgroup-2etwc/)

[WPA3 Security](https://www.wi-fi.org/discover-wi-fi/security)

[Spotting the Most Common Wireless Network Vulnerabilities](https://services.hummingbirdnetworks.com/blog/most-common-wireless-network-vulnerabilities-to-watch-for)

[Examining the Top Wireless Network Security Risks](https://www.portnox.com/cybersecurity-101/wireless-network-security-risks/)

[12 Best Practices for Wireless Network Security](https://www.globalsign.com/en/blog/12-best-practices-wireless-network-security)

[What is private 5G?](https://www.redhat.com/en/topics/5g-networks/what-is-private-5g)