

AVT 213: Aviation Communication

This course is a study of frequency synthesizers, aviation transceivers, and aircraft audio systems. Emphasis is placed on PLL and LSI frequency synthesizers, aviation transceivers based on these synthesizer types, and audio systems with power amplification and switching capability with an in-depth study of the King Radio KX-155, KTR-905, and KMA-24 as representative examples. Upon completion, students should be able to use test equipment to perform operational checks, align, and troubleshoot aircraft communication systems.

Credits: 4

Lab Hours: 6

Lecture Hours: 2

Clinical Hours: 0

Prerequisites: **AVT 142**