

## E157 Lecture 16 Day Plan

Correction: transmission line won't give a finite real part to open circuit termination.

Any questions before quiz

Quiz + Team Quiz + Talk through solution

Mid-semester review discussion

Review monopole – why don't car antennas or other whip antennas look like dipoles?

Group research (find field pattern, input impedance, bandwidth, common application) for:

- Loop antennas
- Slot antennas
- Horn antennas
- Yagi-Uda antennas
- Parabolic reflectors
- PIFA

Check-in, office hours