

## EE/NIS/TM-582-WS HW-2- Wireless Transmission Fundamentals

Choose one Option for your HW.

### Option 1: *Search-Study-Summarize*

- Prepare a 1-page slide to present one specific topic listed below
- Upload PDF file to Canvas
- Due date: Monday, Week 3
  
- Examples of topics
  - 1) Fading in Wireless Channels
  - 2) Multipath Channels
  - 3) Shadowing in Wireless Channels
  - 4) Modulation Schemes in Communications Systems

### Option 2: *Search-Study-Summarize/Compare*

- Prepare a 1-page slide (which is a **comparison table**) to present one specific topic listed below
- Upload PDF file to Canvas
- Due date: Monday, Week 3
  
- Examples of topics
  1. Antennas (include dipole antennas, Yagi-Uda antennas, parabolic antennas, patch antennas, etc.)
  2. Modulation Schemes (include AM, FM, 16QAM, 64QAM, etc.)