Brent W. Reed, MSEE, PE Retired
Instructor, Engineering Department

RF, microwave, and millimeter wave impedance measurements, materials dielectric and magnetic materials measurements,
vector signal analysis, precision high dynamic range phase noise measurements, C#, C++ and Visual Basic dot Net programming and automated measurement programming.

- *Transmission line and waveguide propagation theory, near field antenna measurements, on substrate vector network calibration and measurements.*

- *Vector signal analysis and digital modulation integrity measurements, 50Ghz sampling oscilloscope design and measurements.*

- *Engineering consulting for the aerospace/defense and communications industries and for university research projects.*