

## **EI E 433: High Frequency and Microwave Laboratory**

### **ELECTRICAL ENGINEERING**

High frequency measurements of transmission line and load characteristics, two port network analysis of passive microwave devices, network analyzer theory and use, measurements of input impedance and return loss of antennas, and time domain reflectometry measurements.

1 Credit

### **Prerequisites**

- [EI E 441: Electromagnetic Theory I](#)
- Pre-Requisite: 24 Earned Hours

### **Instruction Type(s)**

- Lab: Laboratory for EI E 433
- Lecture: Lecture for EI E 433
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### **Subject Areas**

- [Electrical and Electronics Engineering](#)

### **Related Areas**

- [Electrical, Electronics and Communications Engineering, Other](#)
- [Laser and Optical Engineering](#)
- [Telecommunications Engineering](#)

