

Course Content

Course Title (English)	Antenna
Course Title (Chinese)	天線
Credit	3
Instructor	Prof. Chen Shih-Yuan 陳士元 教授
Outline	<ol style="list-style-type: none">1. Antenna Basics2. The Antenna Family3. Array of Point Source4. Thin Linear Antennas5. Loop Antenna6. Helical Antenna7. Slot, Patch, and Horn Antennas8. Antenna Measurements <ol style="list-style-type: none">1. 天線基本參數2. 天線種類3. 點波源與陣列設計4. 偶極天線5. 迴路天線6. 螺線型天線7. 開槽天線、塊狀天線、號角天線8. 頻率獨立天線9. 天線量測 <p>https://ceiba.ntu.edu.tw/1021AT/</p>
Goal	The goal of this course is to familiarize students with the fundamentals of

	<p>antennas, basic antenna parameters, array theory and design, antenna measurement techniques, and the operational principles of several commonly seen antennas.</p> <p>透過修習本課程，將使同學們深入了解天線的工作原理與特性參數、陣列天線之基本理論與分析設計、天線量測方法、以及數種常見天線之工作原理及其特性異同。</p>
English Teaching	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Teaching Material	<input checked="" type="checkbox"/> English <input type="checkbox"/> Chinese