

國立台灣科技大學 114學年 第2學期 課程大綱

Spring 2026 NTUST Course Outline

授課教師：李敏凡

Instructor:Min-Fan Ricky Lee

課程名稱：影像伺服控制

Course Title : Visual Servo Control

2026/5/6

<p>課程代號： AC6502701 Course Code</p> <p>學分數： 3 Credits</p>	<p>必選修：選修/半學年 Required/Elective:Elective/Half Yr.</p> <p>先修課程： Prerequisites</p>
<p>節次教室： F10(TR-517) F8(TR-517) F9(TR-517) Time/Location</p>	
<p>專業核心能力： Core Professional Competencies</p>	
<p>課程網址： Course Website</p>	
<p>課程宗旨： This course is based on the aspect of visual measurement and controls from visual system construction and calibration, principle and methodology of visual measurement, fundamental and implementation of visual control, to the visual sensing and control example application. Course Objectives</p> <p>Different from machine/computer vision course which is focus on the precise measurement of the target, to retrieve from 2D to 3D information, 3D reconstructions, this course focus on visual control with real time and autonomous capability.</p>	
<p>課程大綱： This course is based on the aspect of visual measurement and controls from visual system construction and calibration, principle and methodology of visual measurement, fundamental and implementation of visual control, to the visual sensing and control example application. Outline of Lectures</p> <p>Different from machine/computer vision course which is focus on the precise measurement of the target, to retrieve from 2D to 3D information, 3D reconstructions, this course focus on visual control with real time and autonomous capability.</p>	
<p>授課方式： 講授 Lecture：% Method of Instruction</p> <p>分組討論 Group discussion：%</p> <p>案例研討 Case study：%</p> <p>操做練習 Practical exercises：%</p> <p>講授 Lecture：%</p>	
<p>教科書： Textbooks</p>	
<p>參考書目： References</p>	
<p>修課須知： Notice</p>	
<p>評量方式： Grading</p>	

備註說明：  
Notes