# 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：劉浚宇

Instructor:Liu, Chun-Yu

課程名稱：物理實習(下)

Course Title：Physics Lab. (II)

2026/11/3

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| 課程代號： CE173B001<br>Course Code<br>學分數： 1<br>Credits | 必選修：必修/全學年<br>Required/Electve:Required/Full Yr.<br>先修課程：<br>Prerequisites |
| 節次教室：<br>Time/Location | W6(IB-802) W7(IB-802) W8(IB-802) |
| 專業核心能力：<br>Core Professional Competencies | |
| 課程網址：<br>Course Website | |
| 課程宗旨：<br>Course Objectives | 力學實驗、聲學實驗、熱力學實驗、流體力學實驗<br>1.Introduction, measurement, and Vectors<br>2.Motion In One Dimension<br>3.Motion In Two and Three Dimension<br>4.Force and Motion<br>5.More Applications Of Newton’s Laws<br>6.Energy And Energy Transfer<br>7.Potential Energy<br>8.Momentum And Collisions<br>9.Rotational Motion<br>10.Torqueand Angular Momentum<br>11.Gravity, Planetary Orbits, And Hydrogen Atom<br>12.Equilibrium and elsticity<br>13.Fluids Mechanics<br>14.Oscillations |
| 課程大綱：<br>Outline of Lectures | 力學實驗、聲學實驗、熱力學實驗、流體力學實驗 |
| 授課方式：<br>Method of Instruction | 講授 Lecture：%<br>分組討論 Group discussion：%<br>案例研討 Case study：%<br>操做練習 Practical exercises：%<br>講授 Lecture：% |
| 教科書：<br>Textbooks | |
| 參考書目：<br>References | |
| 修課須知：<br>Notice | |
| 評量方式：<br>Grading | |

備註說明：
Notes