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：林伯慎

Instructor:Bor-Shen Lin

課程名稱：物件導向程式語言

Course Title：Object Oriented Programming Language

2026/11/3

課程代號： MI4204302 Course Code 學分數： 3 Credits	必選修：必修/半學年 Required/Electve:Required/Half Yr. 先修課程： Prerequisites
節次教室： T6(MA-303) T7(MA-303) T8(MA-303) Time/Location	
專業核心能力： Core Professional Competencies	
課程網址： Course Website	
課程宗旨： Course Objectives	This course is a fundamental course of Java programming. The learners may acquire the knowledge and skills for Java programming, including Java development environment, basic syntaxes of Java programming, and the concepts of objective-oriented programming.
課程大綱： Outline of Lectures	- Introduction - Class - Object - Control Flow - 1 - Control Flow - 2 - Printing format - String - File and Stream - Array - Array Sorting - Collection - Inheritance - Polymorphism - Exception - Java2D
授課方式： Method of Instruction	講授 Lecture：70% 分組討論 Group discussion：0% 案例研討 Case study：0% 操做練習 Practical exercises：30% 講授 Lecture：%
教科書： Textbooks	Java How to Program, Deitel
參考書目： References	N/A
修課須知： Notice	EMI course Lectured in English

評量方式： Grading	Attendance 10% Homework 30% mid-term examination 30% final examination 30%
備註說明： Notes	Background knowledge about C programming is preferred but not required.