COURSE DETAIL

ELEMENTS OF PROGRAMMING LANGUAGES

Country
United Kingdom - Scotland

Host Institution
University of Edinburgh

Program(s)
University of Edinburgh

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
178

UCEAP Course Suffix

UCEAP Official Title
ELEMENTS OF PROGRAMMING LANGUAGES

UCEAP Transcript Title
PROGRAMMING LANG

UCEAP Quarter Units
4.00

UCEAP Semester Units
2.70

Course Description

This course covers the essential programming structures for managing data and controlling computation, as well as abstractions that facilitate decomposing large systems into modules. The course also covers pragmatics of programming languages, including abstract syntax, interpretation and domain-specific language implementation. Students do not learn how to use any one language, but instead learn the basic elements needed to understand the next 700 programming languages, or even design their own.

Language(s) of Instruction
English

Host Institution Course Number
INFR10061

Host Institution Course Title
ELEMENTS OF PROGRAMMING LANGUAGES

Host Institution Course Details
http://www.drps.ed.ac.uk/25-26/dpt/cxinfr10061.htm

Host Institution Campus

Host Institution Faculty
School of Informatics

Host Institution Degree

Host Institution Department

Course Last Reviewed
2025-2026

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