

Fundamentals of Software Development

Qualification:

10 ECTS Credits at Level 7

Schedule:

One evening of live online lectures per week from 18.00 – 20.00. There will also be two hours self-paced learning per week on NCI's Learning Platform, consisting of recorded content and materials which you can access at a time that suits you. The programme runs over 12 weeks.

Delivery: Online

Start dates:

Sept 2022 and throughout the year.
See www.ncirl.ie for more information.

Fee: €500



This short programme will guide you to learn to create software applications and gain a great foundation in the computing industry.

The course gives learners the fundamental knowledge needed to enter the computing industry, or to progress on to further higher education courses. This course is designed with flexibility in mind, allowing learners to work through bespoke video content and guided tutorials during the week, with a live online practical class on one evening following the videobased material and exercises. Self-paced content is broken into small manageable chunks, and live sessions are designed for live questions and answers based around industry issues and practical problems.

This microcredential course will appeal to those who are new to computing, or those that need a refresher in modern programming skills.

Topics covered

The course will give you programming skills and knowledge. The core module focuses on programming and problem solving in Java.

Students will learn relevant skills sought by industry such as:

- Java
- Object Oriented Programming
- Problem solving techniques
- Algorithm design
- Version control