

Professional Java Programming Part II COMP41620

Online Lectures and Laboratory

Summary

Module Code:	COMP 41620	Title: Professional Java Programming (Part 2)
Subject Area:	Computer Science	Module Co-ordinator: Prof John Murphy
School:	Computer Science and Informatics	
College:	Science	Credits: 5

Examination Format

This module is examined by an exam, which is one and a half hours duration. You can attempt the exam twice and the better score is counted; however you do not have to make a second attempt if you pass the exam on your first attempt. The conversion of the mark to a grade does not follow the usual UCD mark conversion that you might be familiar with. In particular the grading scheme will be (out of 30):

29-30	A+	27-28	A	26	A-
25	B+	24	B	23	B-
22	C+	21	C	20	C-
19	D+	18	D	17	D-

Workload

Lectures: 20 hours; Self Paced Practical and Laboratory: 45 hours; Autonomous Student Learning: 55 hours.

Module Description

These modules are aimed at students who are programmers in a non-Java language, to enable them to become familiar with, and proficient in, Java. The topics will be chosen from the following areas: Exceptions & Assertions; Input & Output; Strings, Formatters & Wrappers; Collections & Generics; Threads.

Learning Outcomes

On completion of this module students should be able to:

1. understand the structure and the syntax of the Java programming language;
2. create simple Java applications;
3. have an in-depth detailed knowledge of the Java run time environment.

Prior Learning

Knowledge of a programming language is required to take this module; however the language does not need to be object-oriented or Java.

Will need access to a computer to undertake the practical elements of the module.

Recommended: Knowledge and practice of a computer programming language.

Assessment Strategy

Examination scored by letter for 100% of grade.

Remediation strategy is a resit exam or repeat of the module, as appropriate.