## Introduction to the Module

Produced by:

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# Agenda

Introducing your lecturers

Structure of the module

*Module* assessment

Ethos and questions

## Introducing your lecturers

#### Mr. Eamonn de Leastar:

Profile: <a href="https://www.wit.ie/about\_wit/contact\_us/staff\_directory/eamonn\_deleastar">https://www.wit.ie/about\_wit/contact\_us/staff\_directory/eamonn\_deleastar</a>

Email: <a href="mailto:edeleastar@wit.ie">edeleastar@wit.ie</a>

#### Dr. Siobhán Drohan:

Profile: <a href="https://www.wit.ie/about\_wit/contact\_us/staff\_directory/siobhan\_drohan">https://www.wit.ie/about\_wit/contact\_us/staff\_directory/siobhan\_drohan</a>

Email: <u>sdrohan@wit.ie</u>

## Structure of the module

# 12 weeks of delivery

Lecture (Tues)

Lab (Tues)

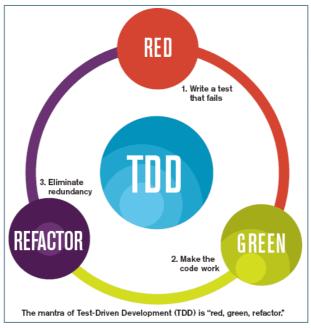
9:15 – 11:00 Room: D05

11:15 – 1:00

Room: D05

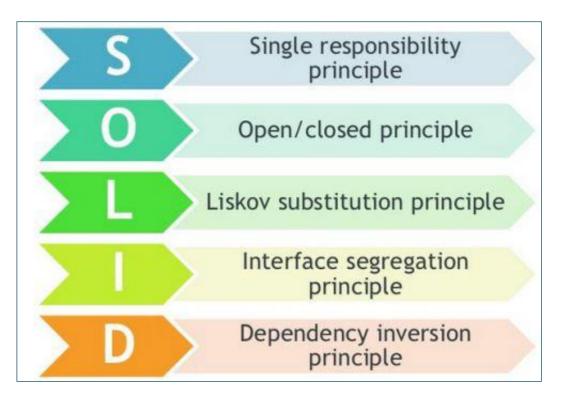
## Structure of the module















### Structure of the module





#### Agile Software Development

Eamonn de Leastar (edeleastar@wit.ie) and Dr. Siobhan Drohan (sdrohan@wit.ie)



#### Assignments





Specification for the course assignments.

1: Paradigms & Languages



Introduction to the module, assessment structure & timetable. Overview of programming paradigms, programming languages and the nature on focus of the module.

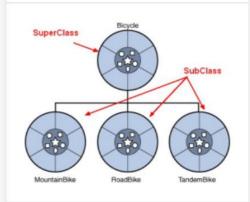
2: The Java Programming Language



Rapid introduction to the fundamentals of the Java Programming Language, including language basics, fundamental types, control statements & classes







Inheritance is a core concept implement all Object Oriented languages. We review how it is implemented in Java and discuss its variants. These concepts are deployed in the Collections framework - and essential library for your toolkit.

4: Serialization & Test Driven Development I



5: Test Driven Development II



6: Exceptions & Maven



4

7. TDD III







# Course material is available on this link (can also be accessed via Moodle):

https://wit-computing-msc-2018.github.io/agile

# Assignment structure

- 100% CA.
- 2 assignments:
  - Assignment 1 (40%) due end Midterm.
    - No presentation required. You may be asked to do a code walkthrough.
  - Assignment 2 (60%) due early January.
    - Presentation in early January required; a PPT template will be provided.

# Assignment submission





Assignment 1 Dropbox (40%)



Assignment 2 Dropbox (60%)

### **Ethos**

- Self-directed learning outside of lectures / labs.
- Inquisitive and motivated.
- Helpful to peers.
- Engagement and staying current with the module.
- All work submitted must be your own work.
  - Note: all code/approaches given in the module by us can be re-used / repurposed in your assignments.

