## Course Outline

|  |  |  |  |
| --- | --- | --- | --- |
| **Wk** | **Programming Lecture** | **Programming Lab** | **Practical Tests** |
| **1** | Introduction |  |  |
| **2** | Encapsulation I | Intro Lab |  |
| **3** | Encapsulation II |  |  |
| **4** | UI/Object Comp | Encapsulation Lab |  |
| **5** | Testing & Debugging |  |  |
| **6** | Inheritance I | Object Composition Lab | PT1 |
| **7** | Inheritance II |  |  |
| **8** | Class Diagrams | Inheritance Lab |  |
| **9** | Polymorphism |  |  |
| **10** | Case Study I & II | Polymorphism Lab |  |
| **11** | Exam Revision |  |  |
| **12** | Queen’s BDay |  | PT2 |

## Assessment

|  |  |
| --- | --- |
| Labs | 5% (5 x 1%) |
| Tutorials | 5% (10 x 0.5%) |
| Practical Tests | 20% (2 x 10%) |
| Assignments | 20% (2 x 10%) |
| Exam | 50% |

50% in final exam needed to pass course as well as 50% overall.