Trimester Teaching Plan Advanced Programming Mobile Devices COMP09078

200 hours ‘Notional Effort’ per student

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| Week | Lecture | Lab | Self-Study |
| 1 | Introduction:  Formative Test and Group Formation,  Project Management Discussion,  Assessment Discussion |  | Project planning  Revision of Mobile Topics |
| 2 | Programming Principles:  JavaScript Case Study: Appointments  Optional: JQuery Mobile Revision | Planning Prototype | Project Prototype  Interface Development  UML Design |
| 3 | Programming and Algorithm Design:  UML Revision & JSON | Prototype Design | Algorithm Design |
| 4 | Programming Structures:  Stacks and Queues with Arrays | UML and  Algorithm Design | Ajax and RSS-Reader Case Study |
| 5 | Programming Structures:  Pointers & Linked Lists,  Firebase Revision | Assessment: App Implementation |  |
| 6 | Revision Week: Consolidation  No Lecture | No Lab | Assessment: App Development |
| 7 | App Testing and Deployment | App Implementation | Assessment: App Development |
| 8 | Group Presentations | App Testing | Assessment: Report |
| 9 | Exam Work and Revision  Practice Exam | App Deployment | Assessment: App Development |
| 10 | Exam Work and Revision  Practice Exam | Exam revision | Assessment: Report |
| 11 | Feedback session | Report Assessment Hand-in |  |
| 12 | Consolidation for Exam |  |  |