Trimester Teaching Plan Advanced Programming Mobile Devices– COMP09078

200 hours ‘Notional Effort’ per student

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| Week | Lecture | Lab | Self Study |
| 1 | Intro to the module  Formative Test and Group Formation  Assessment Discussion  Project Management Discussion |  | **Project planning**  Revision of Mobile Topics |
| 2 | Programming principles  Javascript Case study: Appointments /currency convertor  Optional: Lecture. JQuery Mobile Revision  Optional Firebase Revision | **Assessed lab**  **Planning** | Project prototype  Interface Development  Uml Design |
| 3 | Lecture2.  Programming and algorithm design  UML Revision  Javascript Case study  JSONP  Optional: Firebase Revision | **Assessed lab**  **Prototype**  **Design** | Algorithm Design |
| 4 | Case Study: Ajax and Rss Reader  Programming structures: stacks and Queues with Arrays | **Assessed Lab**  **UML and**  **Algorithm design** | Ajax and RssReader case study |
| 5 | Programming: pointers | Work on assessment: Implementation |  |
| 6 | Revision Week: Consolidation  No Lecture | No Lab | Work on assessment: App Development |
| 7 | App Testing and Deployment | **App implementation:**  **Assessed lab** | Work on assessment: App Development |
| 8 | Group Presentations | **App Testing Assessed lab** | Work on assessment: Report |
| 9 | Exam Work and Revision  Practice Exam | **App Deployment**  **Assessed Lab** | Work on assessment: App Development |  |  |  |
| 10 | Exam Work and Revision  Practice Exam | Exam revision | Work on assessment: Report |
| 11 | Feedback session | Report Assessment Hand-in |  |
| 12 | Consolidation |  |  |