VCE Information Technology: Unit 2 Course Outline

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| **Week** | **Week beginning** | **Content** | |  |
|  |  | **Practical** | **Theory** |  |
| 1 | 18/6 | Presentation software tools | Roles and responsibilities of ICT people  Entry requirements to specific ICT jobs | Semester 2 begins |
| 2 | 25/6 | Presentation software tools | ICT careers and pathways  Main roles & tasks involved in ICT jobs | Kakadu leaves |
|  | **Term break**  **2nd July – 16th July** | | |  |
| 3 | 16/7 | Programming | Problem Solving Methodology  Data types and representation methods |  |
| 4 | 23/7 | Programming | Design of solutions  Data manipulation techniques |  |
| 5 | 30/7 | Programming | Naming conventions  Testing and debugging  Characteristics of electronic journals |  |
| 6 | 6/8 | **AT#2: Programming & ICT Careers**  **Compilation of all for submission** | |  |
| 7 | 13/8 | Data Visualisation | Information problems and users’ needs  Types/purposes of data visualisations |  |
| 8 | 20/8 | Data Visualisation | PSM & Problem solving activities  Authentic Data sources  Data types and data structures |  |
| 9 | 27/8 | Data Visualisation | Design tools  Suitability of different types of visualisations  Criteria and evaluation techniques |  |
| 10 | 3/9 | Data Visualisation | Appropriate software tools  Formats and conventions |  |
| 11 | 10/9 | **AT#1: Data Visualisation**  **IT Product and report**  **(8 lessons)** | |  |
| 12 | 17/9 |  |
| 13 | 24/9 | **Term break**  **24th September – 7th October** | |  |
| 14 | 1/10 | Project Management | Project Management techniques and tools |  |
| 15 | 8/10 | **AT3: Collaborative Information product**  **(10 – 12 lessons)** | | Yr 12  VCAA Exams |
| 16 | 15/10 |
| 17 | 22/10 |
| 18 | 29/10 | Exam Revision | |  |
| 19 | 5/11 | Exam Revision  **VCAA Exams commence 1/11/12**  Yr 11 Classes finish on Thursday 8th November (tbc)  Yr 10 & 11 Aquinas exams commence 9th November (tbc) | | Last class Wednesday 24/10 |
|  |  | Year 12 Transition | |  |