Assessment: Three units of assessment:

Component 01 (Computer systems) – Externally assessed theory exam (40%)

Component 02 (Algorithms) – Externally assessed theory exam (40%)

Component 03/04 – Internally assessed programming project (20%)1

You should be on target to achieve at least Grade 6 in Mathematics to be considered

for Computer Science

Tiering: None

Component 01

Systems Architecture

Memory

Storage

Wired and wireless networks

Network topologies, protocols and layers

System security

System software

Ethical, legal, cultural and environmental concerns

Component 02

Algorithms

Programming techniques

Producing robust programs

Computational logic

Translators and facilities of languages

Data representation

Component 03/04

Programming techniques

Analysis

Design

Development

Testing and evaluation and conclusions