

Course Title: Hardware Technology



Course Number:	ISCG6400	Level:	6	Credits:	15
Main programme:	BCS				
Pre-requisites:	For BCS: ISCG5400 or ISCG5232 For GDCMP: ISCG5400 or ISCG5232 For DiplITS: ISCG5400				
Co-requisites:	BCS: ISCG5237 or ISCG5430 DiplITS: ISCG5430				
Restrictions:	ISCG6223				
Compulsory/elective:	Elective				

Learning time:

(Lecturer) Contact Hours	Non-contact Hours	Total Hours
32.5	117.5	150

Level descriptor: The student is able to carry out processes that

- require a command of wide-ranging highly specialised technical or scholastic skills
- involve a wide choice of standard and non-standard procedures, often in non-standard combinations
- are employed in highly variable routine and non-routine contexts employing
 - specialised knowledge with depth in more than one area
 - the analysis, reformatting and evaluation of a wide range of information
 - the formulation of appropriate responses to resolve both concrete and abstract problems and applied
 - in managing processes
 - within broad parameters for defined activities
 - with complete accountability for determining and achieving personal and/or group outcomes.

Integrate
Estimate
Compare
Contrast
Differentiate

Course aim: To provide students with technical knowledge of a wide range of computers and peripheral devices, covering installation, configuring, upgrading and troubleshooting.

Learning Outcomes:

1. Evaluate a wide range of hardware components.
2. Configure hardware components in accordance with given specifications and using standard practice.
3. Solve and document, in a methodical manner, problems related to hardware.

Topics/Content/Outline:

Topics include: compare, contrast, and differentiate a wide range of computer hardware components; configure hardware components; solve and document problems related to computer hardware.

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Date course approved:	Date of last change:	
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