## Heriot-Watt University Module Templates - Module Descriptor

Module Title	Communications and Networks	<u>School</u>	Engineering and Physical Sciences				On or Off- Campus	On Campus	
Module Co-ordinator	Cheng-Xiang Wang	Level	11 (SCQF)	Module Code	B39QE	<u>Term</u>	1	Credits	12 SCQF

Any changes to the Module Descriptor may be made only with approval of the Undergraduate/Postgraduate Studies Committee

1. <u>Pre-r</u>	Pre-requisites         Mathematics and Computing at level 7 appropriate to electrical communications									
2. <u>Linke</u>	ed Modules	None								
3. Exclu	Excluded Modules None									
	ees for which this core module MSc IT (software systems)(MACS), (applied systems)(EPS), (mobile communications)(EPS)									
5. <u>Aims</u>										
<ul> <li>(a) To equip students with an understanding of concepts in digital communications.</li> <li>(b) To give an introduction of mobile communication systems.</li> <li>(c) To investigate network protocols and theory for both communication systems and computers.</li> </ul>										
		6. <u>Learni</u>	ng Outcomes		7. Assessment	& Re-assessment Methods				
Subject Mastery	<ul> <li>Critical under layer, MAC su</li> </ul>	owledge and Subject-Spect standing of concepts in of blayer, network layer, and ally analyze and solve pro	Summative asse	<ul> <li>Formative assessment by coursework.</li> <li>Summative assessment by written examination.</li> </ul>						
Personal Abilities	<ul> <li>Ability to crine</li> <li>networking tee</li> </ul>	ore skills and Professional tically discuss technical chnologies. cally apply the theory t	• Summative asse	Summative assessment by written examination.						
	Date and Version									
	Date         4/8/00         Date of Change         15/8/05				Version Number 1.4					

See accompanying <u>Module Syllabus</u> and <u>Module Administration</u> for further details about this module