Aston University REG/03/53(2)

Quality and Standards Committee

Module Specification

School and Subject Group		School of Engineering and Applied Science, Electronic Engineering	
Module Code		EE4000	
Module Title		Telecommunications Perspectives	
Module Type		Taught	
Date of introduction of new module		2001	
Level		7	Credit Value 10
Programme(s) in which module is available		MSc in Data Communications Networks MSc in Data Communications Networks (Distance Learning)	
Involvement of Other Schools		None	
Resource Split			
Name of Module Co-ordinator		Dr. John A.R. Williams	
Name of Module Advisor		I. Bennion	
Related Modules	Pre-requisites	None	
	Co-requisites	None	
	Prohibited Combinations	None	
Minimum and Maximum Intake Sizes		None – None	

Aims of the Module

It is expected that students will have demonstrated

- Ability to research and condense technical information
- Ability to critically review and appraise technical information and form an opinion of its accuracy, value and worth.
- Independence in taking responsibility for their own learning.

Associated with these generic educational outcomes, it is the hope that students will learn about specific technical issues as they have to write and read articles about them.

Summary of Content

- Introduction to the programme, its administration and the faculty.
- Introduction to using online peer review and discussion systems
- The writing of technical articles on various aspects of telecommunications
- The reviewing of articles written by other students
- Active Participation in on-line discussions relating to any aspect of telecommunications

Summary of Methods and Frequency of Teaching

Lectures 2 hours. Introductory lectures with alternative online introduction

Laboratory 2 hours. Introductory Computer Lab

Discussion 40 hours. Online Discussion on a broad range of telecommunications topics

Peer Review 40 hours. Online Writing of articles with peer review

Summary of Methods of Assessment

Assessment Type	*Status*	*%*	*Requirements*	*Due*
Coursework	Compulsory	50.0	Discussion Group. Best 20 posts marked by tutor.	24 Jan 2010
Coursework	Compulsory	50.0	Peer review. Best 10 articles, reviewed by peers, normalised by tutor.	24 Jan 2010

Module Outcomes - what the student should gain from successful completion of the module:	Learning and Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated

	Learning and Teaching Methods	Assessment Methods
A. Knowledge and Understanding		
B. Intellectual Skills		
critically evaluate their own work and recognise its contribution and context critically review and appraise technical information and form an opinion of its accuracy, value and worth research and condense technical information take independent responsibility for their own learning	Discussion, Peer Review	Coursework
C. Professional Skills		
D. Transferable Skills		
the ability to take independent responsibility for their own learning communication skills the ability to reseach and condense technical information	Discussion, Peer Review	Coursework

Please provide either or both of:	
(i) Introductory Learning Resources	1. WebCT module 2. On-line Peer-Review system 3. On-line Discussion system
(ii) Core Texts	Anything related to telecommunications, the Internet and related technologies, its technology and application enumerate
Reading Lists	Attached
Specification completed by:	Dr. John A.R. Williams
Date	22-Apr-2009
Date module approved by Teaching Committee(s)	
Date module approved by School Board(s)	