

Wolverhampton Grammar School

A2 MODULE 5 – INFORMATION: POLICY, STRATEGY & SYSTEMS

SCHEME OF WORK Specification 2008_9 – Spring term

Students must look at a variety of resources to help broaden knowledge and understanding.

Wk.	Unit	Topic	Notes/Reading
1	13.7	Topic 14 – Training & Support <ul style="list-style-type: none"> • Senior managers • Middle managers • Users • Methods of training • Computer-based training • Instructor-lead courses • Corporate training strategy 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
2	13.8 13.9	Topic 15 – Project Management <ul style="list-style-type: none"> • The Project Manager • The Project Team • Project planning Project Reviews Topic 16 – Codes of Practice Employee Code of Conduct	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
		Introduction to ICT 5. <ul style="list-style-type: none"> • Review of specification content. • Overview of scheme of work. • Books needed • The WGS theory notes & resources. 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
3 18/2	14.1	Topic 1 - Policy & Strategy <ul style="list-style-type: none"> • Methods of enhancing existing capabilities • Centralized and decentralized systems 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website

Wk.	Unit	Topic	Notes/Reading
		<ul style="list-style-type: none"> • Future Proofing 	
		Topic 2 – Security & backup Policies <ul style="list-style-type: none"> • Backup Strategies 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
4 <i>25/2</i>	14.2	Topic 3 – Software Evaluation <ul style="list-style-type: none"> • Evaluation of Software • Evaluation Criteria • Evaluation Report 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
	14.3	Topic 4 – Data Modeling <ul style="list-style-type: none"> • DBMS • The Conceptual Model • Types of relationships • Entity-relationship diagrams 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
5 <i>3/3</i>		Topic 5 – Relational Database Design <ul style="list-style-type: none"> • Linking database tables • Normalisation • First, second and third normal form Flat file vs. relational	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
6		Topic 6 – Database Management <ul style="list-style-type: none"> • Database Administration • Data Dictionary • Queries • SQL Client0server database	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
7 <i>10/3</i>	14.4	Topic 7 – Communication & Information Systems <ul style="list-style-type: none"> • Centralised Processing Systems • Distributed Systems • Applications • Networks 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
8	14.5	Topic 8 – Network, Security & Accounting	Mott & Leeming Yull & Rogers

Wk.	Unit	Topic	Notes/Reading
		<ul style="list-style-type: none"> • Network environments • Security • Audit • Accounting 	A2 Resources The Fatmax website
9 10/3		Topic 9 – Data Communications & Standards <ul style="list-style-type: none"> • Protocols • Emergence of Standards • Speed of Transmission • Direction of Transmission 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
10 17/3	14.6 14.7	Topic 10 – Human Computer Interaction & Interface <ul style="list-style-type: none"> • Human computer Interface • Psychological factors • Customising software 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
11 15/4	14.8 14.9	Topic 11 – Software Acquisition & Testing <ul style="list-style-type: none"> • Software Development • Software Reliability • Alpha & Beta Testing • Maintenance 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website
	14.10	Topic 12 – Portability of Data <ul style="list-style-type: none"> • Protocol & Standards • Communication Standards • Emergence of standards 	Mott & Leeming Yull & Rogers A2 Resources The Fatmax website

Study Leave +/- 23th May. 4/5 weeks revision