

1. Title of subject	Information Technology	
2. Subject code	FSBN 108	
3. Status of subject	Core	
4. Stage	Foundation	
5. Credit Hour	3 (3 hours per week X 14 Weeks)	
6. Pre-Requisite	None	
7. Assessment	Coursework : 60% Final Examination : 40% Total : 100%	
8. Semester	Semester 2	
9. Objective of subject	This course aims to equip students with computer and information technology principles. The course will also discuss the function of computer and network solutions and IT peripherals. Besides that, the impact of Internet on organisations will be taught in the class.	
10. Synopsis of subject	This course is an introduction to Information Technology. Topics discussed include hardware and software principles, networking layout and topology, Internet in Business as well as the impact of Internet towards the society. Besides that, Management Information Systems will be introduced with Database and Office Automation components.	
11. Details of subject	Contents	Hours
Week 1	TOPIC: COMPUTERS	3

	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the types of computer systems, ▪ describe the functions and principles of CPU. 	
	<p>Activity: Tutorial Questions</p>	
	<p>Further reading for this lesson: Chapter 1 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 2	<p>TOPIC: OPERATING SYSTEMS</p>	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ explain the history of the operating system, ▪ identify the built up of an operating system, ▪ identify the types of operating systems available. 	
	<p>Activity: Tutorial Questions</p>	
	<p>Further reading for this lesson: Chapter 2 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 3	<p>TOPIC: APPLICATIONS SOFTWARE</p>	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the types of application software available, ▪ identify the criteria to select an application software, ▪ identify the roles of software operators. 	
	<p>Activity: Tutorial Questions</p>	

	<p>Further reading for this lesson: Chapter 3 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 4	TOPIC: INPUT AND OUTPUT	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the Input Devices of a computer, ▪ identify the Output Devices of a computer, ▪ explain the configuration of input/output devices. 	
	<p>Activity: Quiz</p>	
	<p>Further reading for this lesson: Chapter 5 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 5	TOPIC: NETWORKING	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ differentiate between Local Area Network and Wide Area Network, ▪ identify the hardware for WAN and LAN, ▪ identify the types of transmission media and their benefits. 	
	<p>Activity: Video presentation and Tutorial Question</p>	
	<p>Further reading for this lesson: Chapter 7 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 6	TOPIC: INTERNET	3

	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ explain the history of Internet, ▪ explain the benefits of Internet, ▪ explain the role of Internet Service Provider, ▪ to search in the Internet. 	
	<p>Activity: Case Study</p>	
	<p>Further reading for this lesson: Chapter 8 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 7	REVISION AND TEST (WEEK 1 - WEEK 6)	3
Week 8	<p>TOPIC: INTERNET IN BUSINESS</p> <p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ describe e-commerce, ▪ differentiate between B2B and B2C, ▪ describe the various types of e-commerce, ▪ explain e-commerce payments and taxes, ▪ describe how advertising is done on the Internet, ▪ describe what an intranet is and how a business uses it. 	3
	<p>Activity: Quiz</p>	
	<p>Further reading for this lesson: Chapter 9 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 9	TOPIC: SECURITY AND PRIVACY	3

	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the security issues in computing, ▪ identify various types of viruses, ▪ explain how to protect the computer system, ▪ explain the 'piracy' issue. 	
	<p>Activity: Case Study</p>	
	<p>Further reading for this lesson: Chapter 11 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 10	<p>TOPIC: WORD PROCESSING AND DESKTOP PUBLISHING</p>	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the types of word processors, ▪ explain the function and principles of desktop publishing. 	
	<p>Activity: Tutorial Questions</p>	
	<p>Further reading for this lesson: Chapter 12 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 11	<p>TOPIC: SPREADSHEETS AND BUSINESS GRAPHICS</p>	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the functions and principles of a spreadsheet, ▪ identify the different types of spreadsheets, ▪ explain how to program a spreadsheet, ▪ create graphs and charts. 	
	<p>Activity: Quiz</p>	

	<p>Further reading for this lesson: Chapter 13 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 12	TOPIC: DATABASE MANAGEMENT	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ define a database and identify its objective, ▪ describe the aspects of a database. 	
	<p>Activity: Case Study</p>	
	<p>Further reading for this lesson: Chapter 14 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 13	TOPIC: PROGRAMMING AND LANGUAGES	3
	<p>Learning Outcomes:</p> <p>After attending the lesson, the students should be able to:</p> <ul style="list-style-type: none"> ▪ identify the types of programming languages, ▪ identify the advantages of 21st generation language over 3rd generation language and features of the 4th generation language. 	
	<p>Activity: Case Study</p>	
	<p>Further reading for this lesson: Chapter 16 Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7th ed.). Prentice Hall.</p>	
Week 14	REVISION CLASS AND TEST (WEEK 8 – WEEK 13)	3
	Total	42

12. Text	Compulsory	Capron, H. L., & Johnson, J. A. (2002). <i>Computers: Tools for an Information Age</i> (7 th ed.). Prentice Hall.
	Reference	Shelly, G., Cashman, T., & Vermaal, M. (2004). <i>Discovering Computers</i> . Thompson.