FAKULTI PENGURUSAN DAN INDUSTRI HALAL

PROGRAM	Diploma in Halal Product Manufacturing
COURSE NAME	Computing Technology
COURSE CODE	DHM 1032
CREDIT HOUR	2
SYNOPSIS	The subject is designed for form knowledge in generalon information technology. This course gave exposure on basic concept in matters related to importance of computer. It covers data processing, application of software and use of computers as a tool in all activities specialized on halal management and administration.

COURSE STRUCTURE

CHAPTER	TOPICS
1	**Introduction to Computer System** 1.1 components of information systems 1.2 History of computer 1.3 Types of computer and purpose 1.4 Computer components 1.5 MS Word
2	**Computer Hardware** 2.1 System unit, motherboard and memory 2.2 MS Word 2.3 Input and Output devices 2.4 MS Word 2.5 Storage devices (primary and secondary) 2.6 Communication devices 2.7 MS Word 2.8 System and application software 2.9 Operating system 2.10 Example of operating and system software 2.11 MS Excel
3	**Communication and Network** 3.1 Basic components of data communication system 3.2 Types of modem 3.3 MS Excel 3.4 Transmission media, transmission mode, serial and parallel transmission and direction of transmission 3.5 MS Excel

	3.6 Network and its usages 3.7 Types of network; LAN, MAN, WAN 3.8 Network topology 3.9 MS Excel
4	**Internet and WWW** 4.1 Internet access 4.2 MS Power Point 4.3 Homepage, webpage, website, web server, web browser, hyperlink, internet address and search engine 4.4 Internet services 4.5 Introduction to HTML
5	**Computer security, ethics and privacy** 5.1 Computer security 5.2 Virus, worms, trojan and antivirus 5.3 MS Power Point 5.4 Firewall 5.5 Computer ethics 5.6 Computer privacy 5.7 MS Power Point
References:	1. Timothy J, Linda I, O' Learly, Computing Essentials, 2014, McGraw-Hill International 2. Shelly Cashman Series. Discovering Computer 2016, Thompson Learning 3. Brian Williams, Stacey Sawyer, 2014, Using Information Technology 11th Edition