



FAKULTI TEKNOLOGI DAN KEJURUTERAAN

PROGRAM	Diploma in Computer Network
COURSE NAME	Introduction to Information Technology
COURSE CODE	DNC 1033
CREDIT HOURS	3
SYNOPSIS	This course form knowledge in general on computer literacy. Understand computer be something that very important in order to be more productive and are succeeding in world today. This course gave exposure on basic concept in matters related to importance of computer. This course also revealed on computer network, internet and security aspect and private computer. Students hoped gained experience in using at least two application software.
COURSE STRUCTURE	
CHAPTER	TOPICS
1	Introduction to computer system 1.1 Know 5 components in information system. 1.2 Computer history (5 generation). 1.3 Computer, categorize and usage / computer application. 1.4 Computer system component, hardware and software
2	Computer hardware 2.1 System unit, motherboard, microprocessor (CPU) and memory. 2.2 Input and output devices. 2.3 Storage devices (primary and secondary) 2.4 Communication devices
3	Computer software 3.1 System software and application software. 3.2 Operating system. 3.3 Example of system software and application software. 3.4 MS Word, Excel and Powerpoint
4	Communication and Network 4.1 Basic components of data communication system. 4.2 Types of modem 4.3 Transmission media, transmission mode,



	4.4 serial transmission, parallel transmission 4.5 direction of transmission.
5	Internet and WWW 5.1 History of internet. 5.2 Uses of internet. 5.3 Internet access 5.4 Homepage, webpage, website, web server, web browser, hyperlink, internet address and search engine 5.5 Internet services.
6	Computer security ethics and privacy 6.1 Computer security 6.2 Virus, worms, Trojan and antivirus 6.3 Firewall 6.4 Computer ethics 6.5 Computer privacy
References:	1. Shelly Cashman Series. Discovering Computer 2018, Thompson Learning 2. Timothy J, Linda I, O'Learly, Computing Essentials 26th edition, 2017, McGraw-Hill International 3. Peter Weverka, Microsoft Office 2016: All In One Dummies, Kindle Edition, 2016