Darryl Coburn

BUSINESS STUDIES DEPARTMENT AND INFORMATION TECHNOLOGY
COURSE OUTLINE
INFORMATION TECHNOLOGY (Sept- Dec 2025)
GRADE 8

DATE	TOPIC	SUB-TOPICS	OBJECTIVES	ASSIGNMENT
WEEK 1	Review of last School year			
	DATA COMMUNICATION, NETWORK AND INTERNET			
WEEK 2	Data, Communication and Networks	Data, Communication and Networks	• Define the data communication process. • Explain correctly the data communication process • Define correctly the terms data, communication, Network, Modem, Internet, Web browser, Web page, Web site, search engine, URL, e-mail, Upload, Download, IP address, bandwidth, protocol	**Class Activities/Home work:** 8^1 & 8^2 Create a glossary with computer terms (network, modem etc.) 8^3 - 8^7 Do homework researching the different types of networks, LAN, WAN and MAN.

WEEK 3	Data, Communication and Networks	Computer Networks.	• Define correctly the term computer network • Recall the components of Data communication • List correctly the different Types of Networks • Describe the different services available in a networked environment • List the functions of hardware required for a basic network	**Class Activities/Home work:** Complete graded activity sheet.
WEEK 4	Data, Communication and Networks	Internet	• Define correctly the term internet without assistance from the teacher • List correctly the different components needed for internet connection • Explain the different protocols used in network communication	**Class Activities/Home work:** Create a glossary of terms for input devices and output devices Labeling of devices
WEEK 5	Data, Communicatio	Electronic Communication	• List correctly five forms of electronic	**Class Activities/Home**

	n and Networks		communication • Identify different resources needed for an internet connection • List correctly five internet services and activities • List correctly five advantages and disadvantages of using the internet	**work:** Worksheets Short answer questions
WEEK 6	Mid-Term Break			
WEEK 10-11	COMPUTER ETHICS AND RESEARCH		▪ Define the following: Netiquette, ethics, computer ethics, moral, intellectual property right, plagiarism, trademark and copyright. ▪ Moral and ethical practices in using online and offline sources. ▪ Internet practice punishable by law. ▪ Appropriate behaviors when using the internet. ▪ Bibliography information from online and offline sources.	**Class Activities/Home work:** Worksheets Short answer questions
WEEK12	COMPUTER ETHICS AND RESEARCH		▪ Outline the characteristics/features that makes an online or offline source credible. Based on specific criteria ▪ Analyze a given source to determine credibility. ▪ Apply the APA and MLA styles when referring	**Class Activities/Home work:** Worksheets Short answer questions

			▪ to online and offline sources ▪ Demonstrate willingness to question information available on the Internet	
WEEK 13	**INFORMATION AND COMMUNICATION TECHNOLOGY CAREERS**		▪ Career opportunities in ICT ▪ Basic job functions of ICT personnel ▪ Importance of ICT careers in the information age	**Class Activities/Home work:** Worksheets Short answer questions
WEEK 14	**SESSIONAL TEST(20%)**			
WEEK 15	**REVISION**			
WEEK 16	**END OF TERM EXAM (40%)**			