

# CLARENCE FITZROY BRYANT COLLEGE



**PROGRAMME:** *INFORMATION TECHNOLOGY ASSOCIATE DEGREE*

<b>CURRICULUM:</b>	<i>Information Technology and Communications</i>
<b>COURSE TITLE:</b>	<i>Introduction to Management Information Systems</i>
<b>COURSE CODE:</b>	IFTH1003
<b>LEVEL OF STUDENTS:</b>	N/A
<b>CREDITS:</b>	3
<b>SEMESTER:</b>	1 (one)
<b>DURATION:</b>	45 hours
<b>PREREQUISITE(S):</b>	None

## RATIONALE

This course seeks to help students to examine how technology and information systems affect business. It places much emphasis on providing students with opportunities to examine the profitable and effective use of systems in business.

## **COURSE DESCRIPTION**

This course explores the behavioural, organizational, operational, and technical aspects of information systems concepts and structures. It places emphasis on developing understandings of the internal management of information resources and on the management of information technology.

## **LEARNING OUTCOMES**

1. Use the computer as a problem-solving tool.
2. Apply the principles of any of the above to a real-world case or firm;
3. Explain current topics in information systems, and
4. Demonstrate significant expertise in an emerging technology of the student's own choosing.
5. Describe different information systems and explain how they help organizations.
6. Analyse the role of network components of information systems.

## **CONTENT KNOWLEDGE**

1. Introduction to Information Systems in: Organizations, business processes, production processes, and information systems.
2. Information systems: hardware and software components
3. Information systems: network component
4. Information resource management
5. Management information system function
6. Electronic commerce concept and applications
7. Customer relationship management systems
8. Enterprise resource planning systems
9. Decision support systems
10. Executive information systems
11. Management information systems and expert systems
12. Knowledge management systems
13. Strategic information systems
14. Management information systems and development methodologies

## **TEACHING AND LEARNING METHODS**

To facilitate fulfilment of the requirements of this course, the teaching and learning sessions will utilise the following approaches:

- Demonstrations
- Guided Practice
- Group Work
- Lab work
- Independent Work

## ASSESSMENT PROCEDURES

In this course marks will be assigned as follows:

*Coursework 60%*

(Written papers and labs)

*Examination 60%*

(Mid-term 10%; Final 30%)

## ASSESSMENT SUMMARY

Task / Assignment No. & Name	Due Date	Time	Weight	Type	Learning Outcomes
1. Oral Presentation	21 <sup>th</sup> Sept.	1pm	10%	Class Work	1
2. Practical	19 <sup>th</sup> Oct.	1pm	30%	Project	2,3
3. Research Paper	10 <sup>th</sup> Nov.	1pm	20%	Group W.	4,5
4. Mid Term	24 <sup>th</sup> Nov.	1pm	10%	Test	1,2,3
5. Final Exam	December		30%	Individual	1 – 5

**Nb: Dates are subjected to be changed.**

## TEXTBOOKS AND REFERENCES

Laudon, K. C., & Laudon, J. P. (2015). *Management Information Systems: Managing the digital firm. (14<sup>TH</sup> Edition)* Upper Saddle River, New Jersey: Pearson, Prentice Hall

### READING LIST

Rainer, R. (2013). *Introduction to Information Systems, 5th Edition*, Wiley