BABCOCK UNIVERSITY

SCHOOL: Babcock Business School

DEPARTMENT: Information Resources Management

SEMESTER /SESSION: 2017-20185   (First Semester)
COURSE CODE AND TITLE: IIRM 871: DATABASE MANAGEMENT FOR INFORMATION UNITS

NO OF UNITS: 2
TEACHER'S NAME: Babalola, Yemisi T. (PhD)

DAY OF CLASS:
VENUE FOR CLASS: Old PG Room 2
OFFICE ADDRESS: No 2, 1st floor, Block A, Babcock Business School
OFFICE HOURS:
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OUR VISION STATEMENT
A first-class Seventh-day Adventist institution, building servant leaders for a better world.

OUR MISSION STATEMENT
Building leadership through Christian education; transforming lives, impacting society for positive change. To achieve our mission, we are committed to:
* Achieving excellence in our teaching, research program, and service delivery
* Imparting quality Christian education
* Instilling Christ-like character to the members of our Community

OUR CORE VALUES
* Excellence   -Our Culture
* Integrity   -Our Promise
* Accountability   -Our Moral
* Servant Leadership   -Our Strength
* Team Spirit   -Our Dignity
* Autonomy and Responsibility   -Our Passion
* Adventist Heritage   -Our Commitment

OUR PHILOSOPHY
Babcock University's philosophy is anchored on the harmonious development of the intellectual, physical, social, and spiritual potentials of our students, inspiring stable and noble character needed for effective leadership and service in the society.

CORPORATE IMAGE STATEMENT: A center of excellence for character development and scholarship; a socially responsive, responsible, and accountable institution in matters of commitment and action.

COURSE DESCRIPTION
IIRM 871: DATABASE MANAGEMENT FOR INFORMATION UNITS   (2 credits)
Modern database management systems, theory, methods, and techniques widely used today to design, develop, and maintain a relational database system. Applications of fundamental database principles in a standalone database environment using MS Access on the Windows platform. Application under internet environment will also be discussed.

COURSE OBJECTIVES
The objectives of this course are to help students:
1. Become acquainted with different types of database models
2. Learn how to create and manipulate a database using Microsoft access
3. Understand the principles and practices pertinent to effective and efficient data management in organizations.
4. Appreciate the importance of data accuracy, data security and data integrity to personal and organization decision-making

RECOMMENDED TEXTBOOK
1. Date, C.J. (1995). *An Introduction to Database Systems 6th ed.* Addison-Wesley
2. Gordon C.E (2001): Database Management: Objectives, System Functions & Administration
3. Watson, R. T.: Data Management (1996): An Organizational Perspective
4. James, O (1999): Management Information System
5. Laudon, K.C & Laudon, J.P (2000): Management Information System
6. Candace C. Fleming and Barbara von Halle *Handbook of Relational Database Design*

COURSE REQUIREMENTS:
CLASS ATTENDANCE: - "Every student is required to attend classes regularly and punctually, unless ill or prevented by some recognized emergency. Students who absent themselves from class for more than three weeks during the semester shall merit an F grade. Authorized leave of absence from campus does not excuse the student from classes, or relieve the student of the required course work'*(BU Academic Bulletin 2012-2015 p.13).*
PARTICIPATION: -Students are to actively engage in topic discussion and sharing of ideas in class.
TARDINESS/ CONDUCT OF STUDENTS IN CLASS: - Lateness to class is unacceptable; students are not allowed to operate their cell phones, iPods and other electronic mobile gargets during classes, except with the permission of the teacher. Eating and chewing off bubble gums and drinking (water exempted) is also not allowed except with the permission of the teacher. Very importantly, students are required to dress in compliance with the university dress code and wear their identity cards while in class.

SHORT DEVOTIONALS/ PRAYER: - Spiritual nurture is a part of whole person development, and team spirit is our strength; thus, every student is required to participate in the devotional exercise and prayer in class.

SUBMISSION OF ASSIGNMENT: The teacher will give directive for submission of assignment.

LATE ASSIGNMENTS: Assignments could be turned in earlier, but not later than the deadline set by the teacher.

GUIDELINE FOR WRITTEN WORK: Guidelines will be set for specific assignments.

ACADEMIC INTEGRITY/HONESTY:"Babcock University has a zero tolerance for any form of academic dishonesty. Morally and spiritually, the institution is committed to scholastic integrity. Consequently, both students and staff are to maintain high, ethical Christian levels of honesty. Transparent honest behavior is expected of every student in all spheres of life. Academic dishonesty include such things as plagiarism, unauthorized use of notes or textbooks on quizzes and examinations, copying or spying the test or paper of another student (formal or take-home), talking to another student during examinations. Academic matter would automatically results in a failing grade for the examination, and suspension, or outright dismissal from the university. Academic dishonesty issues are referred to SPEAM (Senate Panel on Examination and Academic Misconduct) who investigates and makes recommendations to Senate. Penalties for examination and academic misconduct are spelt out in the *student's handbook* and in other regulations as published from time to time" *(BU Academic Bulletin2012-2015 p.18).*

GRIEVANCE PROCEDURE

"Students who believe that their academic rights have been infringed upon or that they have been unjustly treated with respect to their academic program are entitled to a fair and impartial consideration of their cases. They should do the following to effect a solution:

1.Present their case to the teacher(s) concerned

2.If necessary, discuss the problem with the Head of Department

3.Ifagreement is not reached at this level, submit the matter to the School Dean

4.Finally, ask for a review of the case by the Grievance Committee

5. A fee is charged for remarking of scripts. If a student's grievance is upheld after an external examiner has remarked the script, the grade would be credited to the student. The lecturer will be given a letter of reprimand and will be asked to refund the fees to the student. If the student's grievance is not sustained, the student will be given a letter of reprimand and the original grade retained" *(BU Academic Bulletin2012-2015 p.18).*

TEACHING/LEARNING METHODOLOGIES: Lectures and class discussions

COURSE ASSESSMENT/EVALUATION

Continuous Assessment:

Class Attendance:	5%}	
Quizzes & Tests:	10%}	
Assignments:	10%}	=40%
Mid-Semester Exam:	15%}	
Final Semester Exam:	60%	

GRADE SCALE

Currently, the 5-pointgradingsystemadoptedbythe University Senate translates as follows:

Grades	Marks-Quality	Range Points	Definition
A	80-100	5.00	Superior
B	60-79	4.00	Above Average
C	50-59	3.00	Average
D	45-49	2.00	Below Average
E	40-44	1.00	Pass
F	0-39	0.00	Fail

INCOMPLETE GRADE: An incomplete grade may only be assigned to a student upon request, due to an emergency situation that occurred within that semester, which prevented completion of an/some assignments, quizzes, or examination. Such a student would complete a contract form, obtainable from the Registrar, after agreement with the teacher. The form must be signed by the teacher, the student, the HOD, the dean, the Registrar, and the Senior Vice President (SVP) before contract begins. The original copy of the incomplete form will be sent to the Registrar with copies to the teacher, the student, the HOD, the dean, and the SVP. An incomplete grade(I) reverts to the existing grade if contract is not completed by the end of the following semester (including summer semester, except for examinations), *(BU Academic Bulletin 2012-2015 p. 20).*

STUDENTS WITH DISABILITY
"Babcock University seeks to provide a conducive environment for optimal living and learning experience. While the university is working towards facilities that accommodate persons with disabilities, provisions will be made for students with disabilities under the following conditions. Students with disabilities are to:
   a. Report to Student Support Services for assessment, and obtain a clearance/recommendation at the commencement of the semester or as soon as disabling incidence occurs
   b. Show the clearance/recommendations to relevant university officials at the commencement of the semester or as soon as disabling incidence occurs
   c. Maintain ongoing contact with Student Support Services" *(BU Academic Bulletin2012-2015 p. 20).*

PROPOSED DAILY/WEEKLY OUTLINE OFSCHEDULE:

DATE	TOPIC	CLASS ACTIVITIES	ASSIGNMENT
Week 1	Database Concepts. Components of a database environment, approaches to data management	Lecture & Class Discussion	
Week 2	Database Architecture, Database Models- hierarchical, network, relational, hypermedia databases, distributed databases, object-oriented and object-relational	Lecture & Class Discussion	
Week 3	Data Modelling -Entity-Relationship Diagram (ERD) **QUIZ**	Lecture & Class Discussion	
Week 4	Keys and Relationships in Relational Database; Database Integrity Rules	Lecture & Class Discussion	
Week 5	Database storage- Pry, secondary & tertiary memory	Lecture & Class Discussion	
Week 6	Database management issues- data integrity, data security, encryption, firewall biometrics, Security Policies etc.		
Week 7	Database Manipulation with SQL	Lecture & Class Discussion	
Week 8	**Mid-Semester Test**	Lecture & Class Discussion	
Week 9	Practical session with Microsoft Access	Lecture & Class Discussion	
Week 10	Practical session with Microsoft Access	Lecture & Class Discussion	
Week 11	Practical session with Microsoft Access		
Week 12	Revision		
Week 13	Examination		