



BABCOCK UNIVERSITY

COURSE OUTLINE

SCHOOL: Management & Social Sciences
DEPARTMENT: Information Resources Management

SEMESTER /SESSION: 2016-2017 (First Semester)

COURSE CODE AND TITLE: IRMA 851: QUANTITATIVE AND RESEARCH METHODS IN INFORMATION RESOURCES

DAY OF CLASS:

NO OF UNITS: 2

TEACHERS' NAMES: Babalola, Yemisi T. (Ph.D)

VENUE FOR CLASS:

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

IRMA 851: QUANTITATIVE AND RESEARCH METHODS IN INFORMATION RESOURCES (2 credits)

Overview of theoretical tools and practical skills for the design and execution of a research project, particularly in relation to research in the area of information resources management. Underlying questions about the nature of social science and information science research. Search and critical use of research literature. Topic definition and formulation of research questions, writing a research proposal. Research methodology. Evaluation and selection of relevant methods for data collection and analysis.

COURSE OBJECTIVES

The objectives of this course are to:

- teach the basic concepts of scientific research
- help students understand the basic steps of conducting research
- help students identify various sources of information for literature review
- explain various research designs and techniques and data collection methods.
- make students appreciate ethical principles in research and
- equip students to carry out a scientific research in an ethical manner

REQUIRED TEXTBOOKS/ JOURNALS

1. Creswell, J. (2001). *Research Design Qualitative, Quantitative and Mixed Method Approaches*. Sage Publishers International
2. Frankfort-Nachmias, C. & Nachmias, D. (1996). *Research Methods in the Social Sciences*. New York: Worth Publishers.
3. Wildemuth, B. M. (2009). *Applications of Social Research Methods to Questions in Information and Library Science*. London: Unlimited Libraries.
4. Kothari, C.R. (2004). *Research Methodology Methods and Tehniques*. 2nd Revised ed. New Age International (P) Ltd.

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 gadgets 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. If agreement 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, readings

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-point grading system adopted by the 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 Bulletin 2012-2015 p. 20*).

PROPOSED DAILY/WEEKLY OUTLINE OF SCHEDULE:

| DATE | TOPIC | CLASS ACTIVITIES | ASSIGNMENT DUE DATE |
|----------------|--|----------------------------|---------------------------------|
| <i>Week 1</i> | Introduction to Research- Meaning of concepts, ways of knowing, nature of scientific research, types of research | Lecture & Class Discussion | |
| <i>Week 2</i> | Research Process , identifying research problem, formulating research objectives, hypotheses and research questions; conceptual model and operational definitions | Lecture & Class Discussion | |
| <i>Week 3</i> | Literature review- Sources of literature, technical writing style, citation and referencing | Lecture & Class Discussion | |
| <i>Week 4</i> | Research Methods- Difference between research methods and research methodology; qualitative and quantitative research methods Quiz | Lecture & Class Discussion | |
| <i>Week 5</i> | Sampling procedure- Probability sampling techniques, nonprobability sampling techniques, determination of sample size | Lecture & Class Discussion | |
| <i>Week 6</i> | Data collection- Types of data, data collection methods (measurements, surveys, field observations, secondary data) | Lecture & Class Discussion | |
| <i>Week 7</i> | Data collection (Contd.) Questionnaire design, validity and reliability tests | Lecture & Class Discussion | |
| <i>Week 8</i> | Data analysis- Descriptive and inferential statistics, interpreting statistical data Mid-semester Test | Lecture & Class Discussion | |
| <i>Week 9</i> | Presentation Results- Use of graphical aids, discussion of findings, conclusion & recommendation, writing abstracts | Lecture & Class Discussion | |
| <i>Week 10</i> | Research Ethics and Integrity | Lecture & Class Discussion | Submission of Assignment |
| <i>Week 11</i> | Review | | |
| <i>Week 12</i> | Review | | |
| <i>Week 13</i> | Examination | | |

Assignment

A mini proposal of not less than 10 pages containing the following:

1. Introduction: background, problem statement, objectives, hypothesis and research questions; scope of work, justification/significance, operational definition of terms
2. An outline of sub-topics of literature review, theoretical framework and conceptual model

3. Methodology- research design, population, sampling technique and sample size, instrument(s) (include full citation of standardized instruments if available), data collection and data analysis procedures.
4. References