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MOI UNIVERSITY
SCHOOL OF BUSINESS AND ECONOMICS
BBM 220/PPM 225/BSE 225/BSM 209/BHR203: – MANAGEMENT INFORMATION SYSTEMS
COURSE OUTLINE

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Course purpose

To help business students learn how to use and manage business information to revitalize business processes, improve business decision making and gain competitive advantage in today's networked enterprises and global market.

Course objectives

1. To enable learners to understand the importance of business information in managerial decision making
2. To equip learners with analytic skills for evaluation of the various types of management decisions, business, and information needs
3. To impart learners with the knowledge to explain the types of management information systems developed in business organizations
4. To develop learners' attitudes to ethical practices in Management Information Systems Analysis and Design

Expected Learning Outcomes

By the end of this course, learners should be able to;

1. Synthesize the importance of management information in managerial decision making
2. Analyze the various types of management decisions, business, and information needs
3. Explain the process of management information systems development in business
4. Apply ethical practices in management information system analysis and design

Course Content

Introduction to management information system, introduction to information systems (IS) concepts, the IS components, and the IS resources. Information Technology (IT) concepts and telecommunications convergence, classification of business information systems, importance and role of information to business organizations, services and types of information, information systems approach to management, information retrieval, assessment of information requirements, information flow and coordination, automation of business information. Data processing and report writing systems in an organization, planning, and development of information systems, database design and management, ethical and security issues, lab practicals in spreadsheet and database software

Learning and Teaching Methodologies

Lecturers, tutorials, case studies, group discussions, and assignments

Instructional Materials and Equipment

Lecturer rooms, whiteboards, and whiteboard markers

Assessment

Type	Weighting (%)
Continuous Assessment Tests	30
Examination	70
Total	100

References

1. London K C., & Laudon J P. (2012). *Management Information Systems: Managing the Digital Firm,* 12th ed. Pearson Prentice HALL
2. Post G.V, & Anderson D.L, (2006). *Management Information Systems. Solving Business Problems with Information Technology.* 4th Ed. Boston Mass McGraw-Hill/Irwin
3. O'Brien J A 7 Marakas G M. (2008). *Management Information Systems 8th Ed.* Boston; Irwin
4. O'Brien Jones A., (2005). *An introduction to information systems.* 12th ed., McGraw-Hill Irwin, Boston

Teaching Schedule

Week	Learning task
Week 1	Managerial overview of information systems • Introduction to management information system • introduction to information systems (IS) concepts, the IS components, and the IS resources. • Importance and role of information systems to business organizations • Types of information systems
Week 2-3	Information systems for managerial decision making • Overview of decision support systems • Information systems approach to management, • Information retrieval • Assessment of information requirements, information flow, and coordination
Week 4	Classification of business information systems, • levels of decision-making in an organization • strategic planning system • tactical information system • operational information system
Week 5	Types of Information Systems ▪ Functional Information Systems ▪ Financial Information Systems ▪ Marketing Information Systems ▪ Human Resource Information Systems
Week 6	Technical Foundations of Information Systems • Computer Hardware • Computer Software
Week 7	Continuous Assignment Test (CAT)1
Week 8	Telecommunications and networking • History of telecommunication • Telephones • Mobile • Internet • Importance of telecommunications to business
Week 9	(CAT 2) Administer CAT 2 (sit-in/takeaway)
Week 10	Database Design and Management
Week 11	Business Applications of Information Systems ▪ Decision Support Systems ▪ Executive Information Systems ▪ Expert Systems ▪ Office Automation Systems ▪ Project Management Information Systems ▪ Enterprise Information Systems
Week 12	Ethics of information systems
Week 13	Emerging Trends in MIS
Week 14	End of Semester Exams (ESE)
Week 15	End of Semester Exams (ESE)
Week 16	End of Semester Exams (ESE)