

Wollo University
College of Business Economics
Department of management

Department of Management		
Degree Program	B.A. in Management	
Module Title	Information Systems for management	
Instructor	Mulugeta Chane Wube(0911758579)	
Course Number	MGMT2091	
Course Title	Management Information System	
ECTS credit points	3/5	
Course Objectives and Competences to be Acquired	<p>The course enables students to have an understanding on:</p> <ul style="list-style-type: none"> ➤ Understand and recognize the relationship between information and decision making, ➤ Know significance of information and information systems as basic resources from managerial perspective in decision-making. ➤ Appreciate the ability and skills to identify their information needs, source and to utilize the information efficiently and effectively. 	
Week	Topics and Sub Topics	Course Objectives and Competences to be
Week 1	<p style="text-align: center;">CHAPTER ONE INTRODUCTION TO MIS</p> <p>1.1 Definition and Importance of MIS 1.2 Subsystems Of MIS 1.3 Contemporary Approaches To MIS 1.4 The Evolution And Characteristics Of The Information Age 1.5 What Is Information Technology?</p>	<p>After completing this unit, students will be able to:</p> <ul style="list-style-type: none"> ➤ Explain the importance of MIS ➤ Describe the evolution & characteristics of the information age ➤ Define IT & career side of information technology
Week 2,3 & 4	<p style="text-align: center;">CHAPTER TWO FOUNDATIONAL CONCEPTS IN MIS</p> <p>2.1 Introduction 2.2 Business and Management Functions 2.3 Data, Information, Knowledge and Wisdom 2.4 The Information Needs and Sources of Managers 2.5 A Framework for Information Systems 2.6 Business Systems 2.6.1. e-business</p>	<p>After completing this unit, students will be able to:</p> <ul style="list-style-type: none"> ➤ Define the concept s of data information knowledge & wisdom ➤ Describe the information needs & source of manpower. ➤ Understand frame work for information systems ➤ Explain the business systems
Week 5, 6, & 7	<p style="text-align: center;">CHAPTER THREE INFORMATION TECHNOLOGY</p> <p>3.1 Introduction</p>	<p>At the end of this unit, students will be able to:</p> <ul style="list-style-type: none"> ➤ understand the concept of IT

	3.2 Hardware: Computing, Storing and communicating 3.3 programs: In Charge of the Hardware 3.4 People: The Most Important Element 3.5 Procedures: The Way It Goes 3.6 Information: The Reasons for Using Information Technology 3.7 Communication Technologies 3.8 Database Management (DBM)	<ul style="list-style-type: none"> ➤ Explain the main is concepts (hard ware programs) ➤ Describe the communication technologies ➤ Explain the database management concepts.
Week 8, 9, 10 & 11	<p style="text-align: center;">CHAPTER FOUR COMMON BUSINESS APPLICATIONS OF INFORMATION TECHNOLOGY</p> 4.1 Financial Information Systems 4.2 Marketing Information Systems 4.3 Manufacturing and Production Information Systems 4.4 Human Resource Information Systems 4.5 Managerial Decision Support Systems 4.6. Transaction Processing System (TPS)	At the end of this chapter students will be able to: <ul style="list-style-type: none"> ➤ Understand the types of IS. ➤ Distinguish the difference between different types of IS. ➤ Describe the similarity between the types of IS. ➤ Explain the importance of IS. ➤ The purpose of studying about IS.
12-14 th weeks	<p style="text-align: center;">CHAPTER FIVE KNOWLEDGE MANAGEMENT (KM)</p> 5.1. Introduction to knowledge management 5.2. The theory of knowledge management 5.3. KM sharing 5.4. Technologies to support KM 5.5. KM application in organizations	At the end of this unit students will be able to: <ul style="list-style-type: none"> ✓ Define the term knowledge management ✓ Describe the theory knowledge management. ✓ Explain KM sharing. ✓ Explain technologies to support KM ✓ Evaluate KM application in organizations.
15 th week	<p style="text-align: center;">CHAPTER SIX ETHICAL AND SECURITY ISSUES</p> 6.2 Ethical and security issues? 6.3 Computer virus? 6.4 How it is possible to protect information system threats?	After completing this chapter, students will be able to <ul style="list-style-type: none"> ✓ Define the term ethical and security issues in information system. ✓ Describe information system threats. ✓ Explain about computer viruses. ✓ Explain technologies used to protect information system threats.
Reference:		<ul style="list-style-type: none"> ➤ James A. O'Brien, 2004, <i>Management Information Systems</i>, McGraw-Hill Irwin, ➤ Bowman, B, G.B. ,and J.C.Wetherbe, July-1980, <i>Modeling for MIS</i>, ➤ Bowman, B,G.B.Davis and J.C., (Feb,1983), <i>Three stages of Model of MIS Planning Information and Management</i>, ➤ Naevena and Amitabh, (2003), <i>Management Information System</i>, Cyber tech publications. ➤ Nolan Richard, (July-August,1982), <i>Managing Information Systems by Committee</i>, Harvard Business Review