

**Wollo University**  
**INSTITUTE OF TEACHERS EDUCATION AND**  
**BEHAVIOURAL SCIENCE DEPARTMENT OF**  
**EDUCATIONAL LEADERSHIP AND MANAGEMENT**

**Instructor: DR. Melsew Tefera**

Course Titles/Codes Education Management Information System EdPM2063

Course Credit 2

Course Description This course emphasizes on definition of Educational management information system, characteristics of Educational Management Information System, the use and benefits of information and data for planning and decision making; education management information systems.

Learning Outcome : At the end of this course students will be able to :

- Define EMIS & Characteristics of EMIS
- Explain Importance of EMIS
- Steps in carrying out successful EMIS Operations
- Identifying ways of implementing EMIS in School Systems
- Identifying Information Needs for Educational Planning and Decision Making.
- Use EMI in regional & below regional educational planning

Contents

Chapter One

1. MANAGEMENT INFORMATION SYSTEMS

1.1. DEFINITION

1.2. Information:

1.3. MAJOR FEATURES of EMIS

1.4. FRAMEWORK: THE "EDUCATION PRODUCTION FUNCTION"

Chapter Two

2. Indicators

2.1. Type of Indicators

2.2. INPUTS Indicators

2.3. PROCESS Indicators

2.4. OUTPUTS

2.5. OUTCOMES

2.6. . CHARACTERISTICS AND CLASSIFICATIONS

2.7. Indicators of quality

2.8. . E. INDICATORS OF INTERNAL EFFICIENCY

2.9. . INDICATORS OF EXTERNAL EFFICIENCY

2.10.. INDICATORS OF EQUITY

2.11. . INDICATORS OF QUALITY AT DIFFERENT LEVELS

Chapter Three

3. Information system resources

3.1. The classification of information system

3.2. Components /resources of information system

a. DIMENSIONS of information systems

Evaluating and benchmarking EMIS

3.5. An information cycle

Chapter Four:

4.What Matters in an EMIS

4.1. Data coverage of EMIS

4.3. Life cycle of EMIS

4.4. Scope of work and work procedures of EMIS

4.5. Manpower requirements/Structure:

4.6. Training:

4.7.Monitoring and Evaluation

4,7,1, Monitoring:

4.7.2. Evaluation

4.8. Decentralization:

4.8.1. Advantages of Decentralization of EMIS

4.9 Documentation

Chapter Five

5.1. COMPUTATIONAL TECHNIQUES APPLIED IN EDUCATION PERFORMANCE INDICATOR

5.2. Challenges related to EMIS

**Mode of delivery/Teaching and learning methods:**

lecture/Classroom contact,, individual work, Assignment in group, Field work(school visit),

**Assessment Methods**

Continuous Assessment (50%)

Individual Assignment one 15%

Individual Assignment two 15%

Mid Exam 20%

& Final Exam. (50%)

**References**

Abdul-Hamid (2014) What Matters Most for Education Management Information Systems: A Framework Paper . USA: World Bank Pub.

Tegegn Nuresu Wako (2003) November 2003 Harare, Education Management Information Systems (EMIS) A Guide for Young Managers. Zimbabwe :UNESCO Pub

Kurt D. Moses, no date, Education management Information System: What is it and why do we not have more of it?, Academy for Educational Development, Washington D.C. UNESCO, 1998, Education Management Information System Training Package, Principal Regional Office for Asia and the Pacific, Bangkok, 1998.

Villanueva Charles (2003 ) EDUCATION MANAGEMENT INFORMATION SYSTEM (EMIS) AND THE FORMULATION OF EDUCATION FOR ALL (EFA) PLAN OF ACTION, 2002-2015 . Paris: UNISCO Pub.