AMBO UNIVERSITY WELLISO CAMPUS

Department of construction technology and management

Course Outline

Academic year 2012 3Cr.Hr (4ects)

Course code: CoTM4171 Instructor: Mihret A.

**COURSE NAME**: **Construction performance management and resource optimization**

**Course Objectives: -** Up on successful completion of the course, the students should be able to comprehend the concepts behind resource management, quality management, cost management, project and site organization and risk management.

Course Outline

1. CHAPTER ONE

OVERVIEW OF CONSTRUCTION PERFORMANCE MANAGEMENT

2. CHAPTER TWO

 QUALITY MANAGEMENT

3. CHAPTER TREE

 RISK MANAGEMENT

4. CHAPTER FOUR

 COST MANAGEMENT

5. CHAPTER FIVE

 PROJECT AND SITE ORGANIZATION

6. CHAPTER SIX

 INTRODUCTION TO RESOURCE MANAGEMENT AND LINEAR PROGRAMMING

 Assessment/Evaluation & 30% project work, 10% assignment, 10% quiz, 10% test
 Grading System and 40% final exam

Attendance requirement minimum of 90% during lectures

**Literature**

The practice of site management” ISBN: 9781853800191

 Foster G., “Construction site studies-production, administration and personnel 2nd edition”

George E. Rejda, “Principles of Risk Management and Insurance”, 6th ed. 1998, Addison-wesley.

Agrawall R.D, “Organization and management