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