

Construction Management Information Systems

Course Overview

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Construction Engineering and Management



Construction MIS

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□ Purpose of the course

- Introducing the role and importance of efficient construction MIS and ERP,
- Improving the students' system analysis and thinking skills,
- To give you a basic knowledge on working with MIS and ERP systems in construction industry,
- To give directions required for building up your abilities in new MIS and ERP projects in construction companies,



Question: Are you going to be an MIS system analyzer and designer after this course?

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□ Course outline

#	Topic
1	Introduction to Management Information Systems (MIS) in construction
2	Construction Management Information System Recognition and Documentation
3	Construction Management Information System Analysis
4	Construction Management Information System Conceptual Design
5	Construction Management Information System Database Design
6	Construction Management Information System Implementation Using M.S. Access
7	Introduction to Enterprise Resource Planning (EPR)
8	Internet Programming and Online Construction Management Information System Implementation Basics

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- **Grade Distribution:**
 - Home Assignments: 15%
 - Lab/ in Class Exercises: 10%
 - Term Project: 25%
 - Final Exam: 50% (Open book/ Note)



Thank you!