

IT in Construction

Course Overview

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Construction Engineering and Management



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□ Purpose of the course

- To introduce different applications of IT in the construction industry
- To give you a basic knowledge on working with IT tools
- To give directions required for building up your abilities in new IT tools



Question: Are you going to be an IT-person after this course?

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- **Course outline** (main emphasis is on information systems)

#	Topic
1	Introduction to IT in construction
2	Spreadsheet applications in construction (software MS. Excel)
3-6	Construction Management Information System (Introduction/ Recognition/Analysis/Design/ Implemetation) (software MS. Access)
7-9	Internet programming basics (HTML, CSS, Javascript)
10-12	Introduction to Building information Modeling (Introduction/Design/ Application/Collaboration)

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- **Grade Distribution:**
 - ▣ Home Assignments: 20%
 - ▣ Lab/ in Class Exercises: 10%
 - ▣ Term Project: 20%
 - ▣ Final Exam: 50%



Thank you!