Construction Operation Simulation

Course Overview

Amin Alvanchi, PhD
Construction Engineering and Management
Construction Operation Simulation

- **Purpose of the course**
  - To introduce simulation as an applied tool for analysis and design of construction operations.

- **Prerequisites:**
  - General engineering knowledge; Basic knowledge of computer programming; Basic knowledge of statistics; Basic knowledge of construction operations.

- **Class audiences**
  - Construction Engineering and Management Students; Civil Engineering Students (BSc, MSc and PhD) who are interested in construction operation planning.

How many of you come from construction group? How many come from other civil programs? Is there any body from other disciplines than Civil Engineering?
Course outline

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- **Grade Distribution:**
  - Home Assignments: 15%
  - Lab/ in Class Exercises: 10%
  - Term Project: 15%
  - Final Exam: 60%

- **Texts and References**
Construction Operation Simulation

- **Contact info:**
  - Webpage: [alvanchi.sharifCEM.com/Sim-mc.html](alvanchi.sharifCEM.com/Sim-mc.html)
    - Find course materials, assignments and announcement on the webpage
  - Email: [alvanchi@sharif.edu](mailto:alvanchi@sharif.edu)
  - Office hours: Monday 13:30 to 15:30 (please contact me and set an appointment if you need to see me outside office hours)
  - Teaching Assistant: Farshid Baniassadi
    - Email: [farshid.baniassadi@yahoo.com](mailto:farshid.baniassadi@yahoo.com)
    - Submit your electronic assignments and send your questions to TA.
Construction Operation Simulation

Student Account Portal:

[Link to account page: alvanchi.sharifcem.com/account.php]

Sharif CEM
Construction Engineering and Management Group, Sharif University of Technology
Dr. Alvanchi’s Student Performance Account

Student ID: [Input]
Password: [Input]  Sign in
Thank you!