



The Grainger College
of Engineering
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

CIVIL + ENVIRONMENTAL ENGINEERING

AI and the Civil Engineer:

Strategic integration of AI applications into CE practice

AI + CEE SHORT COURSE

SCHEDULE

September 15, 2025 | Illini Center, Chicago, IL

8:30am **Registration & Coffee**

9:00 am **Welcome & Overview**

9:10 am **SESSION 1**

From AI to ROI: Unlocking Value Through Products, People and Processes

Mani Golparvar-Fard, Professor

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10:00 am **Networking Break**

10:30 am **SESSION 2**

AI in Practice: Real Stories from the Field

Hadi Meidani, Professor

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11:30 am **Networking Break**

11:45 pm **LUNCH + KEYNOTE**

How AI is changing construction

**Burcin Kaplanoglu, Vice President,
Innovation, Oracle Industry Lab**

12:15 pm **LUNCH + CERTIFICATE PROGRAM**

12:45 pm **Executive Panel | Q & A**

1:45 pm **Break**

2:00 pm **SESSION 3**

Demystifying AI: What Every Civil Engineer Should Know

Hadi Meidani, Professor

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3:00 pm **EDUCATIONAL CASE STUDY 1**

Quantitative Models

**Hadi Meidani, Professor; Lewis Lehe,
Assistant Professor**

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3:30 pm **Break**

3:45 pm **EDUCATIONAL CASE STUDY 2**

Language Models

**Hadi Meidani, Professor; Lewis Lehe,
Assistant Professor**

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4:15 pm **Concluding Remarks | Q & A**

4:30- 6:00 pm **Reception**