日韓集中講義

The Short Intensive Course Program between UTokyo and SNU

学部 1 単位 / Undergraduate 1 Credit ※4 年生対象 /for B4

FEN-CO5976L2 国際連携工学特別講義 XII

International Collaborators' Lecture on Engineering XII

大学院 1 単位 / Graduate School 1 Credit

3799-393 国際連携特別講義 XX

International Collaborators' Special Lecture on Engineering XX

Lecturer

Professor Thomas Kang

Department of Architecture and Architectural Engineering,
College of Engineering, Seoul National University (SNU)

Performance-Based Design for Wind and Seismic

Wednesday, January 29~Friday, January 31, 2025 (3 days)

Course objectives

To learn the basics of wind engineering, the connections between current wind design and performance-based seismic design, and the principles of performance-based wind design.

Lecture time

January 29 ･･･10:00 ▶11:30, 13:00 ▶14:30
15:00 ▶16:30
January 30~31 ･･･10:00 ▶11:30, 13:00 ▶14:30

Lecture room

Eng. Bldg. No.1 Seminar Room B

Language

English

Counterpart at UTokyo

Project Associate Professor Atsushi Yamaguchi
Department of Civil Engineering,
School of Engineering

Lecture plan

▶ **Day 1:**
Nature of wind and seismic loads, Wind design (ISO), Seismic design

▶ **Day 2:**
Performance-based seismic design, Performance-based wind design

▶ **Day 3:**
Data analysis for ground motions & wind tunnel test data, Dynamic FEA

Evaluation: In-class participation and Term project (Reports etc.)

工学系研究科国際工学教育推進機構

Institute for Innovation in International Engineering Education,
School of Engineering Contact: H. Sugiura

email: ut-snu@cce.t.u-tokyo.ac.jp

Registration is now open!

Please use the QR code to register.

Application Form
https://ut-snu.t.u-tokyo.ac.jp/course.html#intensive