

COURSE DETAIL

NUCLEAR REGULATION

Country

Japan

Host Institution

Tohoku University

Program(s)

Engineering and Science

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering

UCEAP Course Number

140

UCEAP Course Suffix

W

UCEAP Official Title

NUCLEAR REGULATION

UCEAP Transcript Title

NUCLEAR REGULATION

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course covers fundamental concepts for ensuring nuclear safety; the roles of regulatory authorities, and issues related to the Fukushima incident. It emphasizes the technical essentials of nuclear safety regulation, including the roles of nuclear regulatory administration and safety research; deterministic safety assessment; probabilistic safety assessment, and risk quantification.

Language(s) of Instruction

Japanese

Host Institution Course Number

N/A

Host Institution Course Title

INTRODUCTION TO NUCLEAR REGULATION

Host Institution Course Details

<https://uceap.sharepoint.com/:w:/s/DocumentLibrary/IQDOtairF55ISZ5BAXmBBgltAeGY...>

Host Institution Campus

Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering

Course Last Reviewed

2025-2026

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