Wed Mar 25 2026 09:37:18 GMT+0900 (日本標準時)

Keio University Syllabus and Timetable

CURRENT GLOBAL OCCUPATIONAL HEALTH AND SAFETY AND TRAINING FOR KAIZEN (IMPROVEMENTS)

Subtitle	Current Global Occupational Health and Safety and KAIZEN (Continuous Improvements)
Lecturer(s)	NAGASU, MIWAKO
Credit(s)	2
Academic Year/Semester	2026 Fall(2nd Half)
Day/Period	Fri.3,4
Campus	Mita
Classroom	447
Class Format	Face-to-face classes (conducted mainly in-person)
Registration Number	24669
Faculty/Graduate School	INTERNATIONAL CENTER
Year Level	2, 3, 4
Grade Type	S, A, B, C, D
Course Description	A course to aim to provide an overview of global occupational health and safety (OHS) conditions, introduce international frameworks such as ILO training programs, and learn how to improve working conditions and prevent accidents.
K-Number	CIN-CO-00223-212-86

▼ Detail

Course Contents/Objectives/Teaching Method/Intended Learning Outcome

This course provides an overview of global occupational health and safety (OHS) conditions and introduces international frameworks such as ILO training programs. Students will learn how to improve working conditions and prevent accidents through case studies and practical training. The course also covers key Japanese approaches such as Kaizen and 5S, combined with group projects and presentations. Through these activities, students will gain practical skills for planning and developing workplace improvements that can be applied in their future professional environments.

【Course Objectives】
By the end of this course, students will be able to:
1. Understand and explain global occupational health and safety (OHS) challenges, with reference to international frameworks such as the ILO’s WISE program.
2. Analyse and compare workplace safety practices, including Japanese approaches like Kaizen and 5S, and evaluate their relevance to diverse cultural and organizational contexts.
3. Design and present practical improvement proposals for safer and healthier workplaces, drawing on case studies, factory visits, and collaborative group projects.

Course Taught by Faculty Member with Professional Experience

Applicable

With over 20 years of professional experience in public health, nutrition, and occupational health, I have worked on international cooperation projects in more than ten countries across Africa, the Middle East, and Asia. In collaboration with the ILO, UNIDO, JICA, and international NGOs, I have contributed to the full project cycle, including issue identification, gap analysis, needs assessment, solution design, training material development, and the delivery of proposals and training.
In the Occupational Safety and Health course, students will learn how to maintain safety and protect their health in the workplace as future professionals. Through hands-on participation in training programs developed and implemented by the ILO, students will experience practical tools and approaches used in real work settings. The course emphasizes an improvement-oriented perspective, enabling students to identify risks, propose feasible solutions, and develop the mindset and skills needed to sustain safe and healthy working lives.
Students will also visit an actual factory site to observe real working conditions firsthand. Through this field visit, they will connect what they have learned in class with on-site practices and challenges, and further develop practical skills in identifying areas for improvement and proposing feasible workplace improvements.

Active Learning Methods Description

Lab / Skill-development / On-site training
Fieldwork
Presentations
Discussions, Debates
Group work
Role-playing
Problem-based learning

Preparatory Study

Please read the relevant sections of the textbook in advance to prepare for each class. You are also expected to explore research papers and related topics according to your own academic interests.

Course Plan

Lesson 1

Introduction of the course, Introducing various KAIZEN activities in the world,

Lesson 2

Occupational Health and Safety Management Systems (OHSMS)

Lesson 3

Research and KAIZEN Case Presentations (Part 1)

Lesson 4

Research and KAIZEN Case Presentations (Part 2)

Lesson 5

WISER Training on Materials Handling and Storage

Lesson 6

WISER Training on Workstation Changes

Lesson 7

WISER Training on the Physical Environment

Lesson 8

WISER Training on Environmental Protection and Welfare Facilities

Lesson 9

WISER Training on Mental Health and Stress Management

Lesson 10

WISER Training on Business and Human Rights in the Workplace and Final Proposals for Improvements

Lesson 11

Factory Visit: Observing Occupational Health and Safety in Practice

Lesson 12

Factory Visit: Observing Occupational Health and Safety in Practice

Lesson 13

Final Individual Presentations

Lesson 14

Final Individual Presentations, Quiz and Course Review

Other

Course Review

Method of Evaluation

【Method of Evaluation (100%)】
*Class Participation+ Individual Participation: 30%
*Group Presentation: 10%
*Quizzes: 10% (Each quiz will have 30 true/false questions from the textbook.)
*Assignment 1 – Improvement Presentation: 10%
*Assignment 2 – Workplace Safety Report: 15%
*Assignment 3 – Factory Observation Report: 15%
*Final grades will be calculated based on the above distribution and converted into Keio University’s official grading scale (S: 100–90, A: 89–80, B: 79–70, C: 69–60, D: 59–0). Grades will not be based on native-level English proficiency, but on how effectively you communicate your ideas and reflections. Deadlines and attendance requirements will be applied consistently for all students, in fairness to everyone.

【Policy on Attendance and Participation】
*Class Participation: 20% (Attendance 10 points, punctuality 5 points, absence 0 points.)
*Individual Participation: 10% (10 points: active contribution in discussions and group work)
*Group Presentation: 10% (10 points: active contribution in discussions and group work)
In accordance with the academic regulations of the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT), and considering that this course is conducted in an active learning format, the following policy applies:
This course comprises 14 sessions in total, organized as two sessions per day across seven class days. To be eligible for credit, students are expected to attend at least 10 sessions.
Students who accumulate 5 or more absences, or who have 4 absences combined with additional late arrivals or

early departures, will not be able to earn credit for the course.
Three late arrivals or early departures will be counted as one absence.
In accordance with MEXT regulations, even excused absences (such as illness or official university activities) are included in the total absence count.
Because this course emphasizes active learning—including group discussions, presentations, and collaborative projects—regular attendance and punctuality are essential not only for your own learning but also for maintaining fairness and supporting your peers.
Students are responsible for monitoring and managing their own attendance records.

【Policy on Assignments】
*Assignments: 10 points for on-time submission, 5 points if submitted within 5 days with prior email notice, 0 points after 5 days.
*All assignments in this course are to be completed individually.
*Detailed rubrics will be provided. Please review them carefully to understand the evaluation criteria.

Note from Instructor
In the previous semester, most students who attended regularly, submitted assignments on time, and contributed actively were able to succeed. This course is designed for students who want to learn, grow, collaborate, and challenge themselves. Success requires making your academic work the top priority: plan your schedule carefully, manage your responsibilities, and come prepared.

Generative AI Policy for Classes

AI Usage Policy (Conditional Permission)
Generative AI tools may be used only for:
*Brainstorming, outlining, or preliminary research (you must check accuracy).
Rules:
*Clearly state when and how AI was used. Example: “Drafted outline with ChatGPT (20%).”
*Do not copy AI text directly. Your work must show your own thinking.
*References must be verified by yourself.
*AI use must not exceed 50% of the work in total. More than 50% = “0 point: not submitted.”

Textbooks

Global Manual for WISE Work Improvements in Small Enterprises (ILO website)

Lecturer's Comments to Students

This course is designed to help students recognize the importance of occupational health and safety in creating workplaces where people can work safely and with confidence. We will focus on exploring what kind of work environments are necessary to achieve this and consider measures that balance employee safety and productivity with organizational sustainability. Through group work and active discussions, students will practice generating solutions, exchanging perspectives, and developing their ideas into practical and actionable plans. A factory visit to the ANA aircraft facility is also planned, with the schedule depending on reservation availability. Please note that the course content and schedule may be adjusted depending on the number of participants and site visit availability. As this is an active-learning, problem-solving-oriented course, your consistent attendance and active participation are essential. I encourage you to approach this course with responsibility, openness, and a willingness to learn actively — both from your successes and from the challenges you encounter.

Question/Comments

I will be available to meet with students after class for questions and consultations. Additionally, I am available to answer questions via email: osh.ko.miwa.nagasu@gmail.com
I will do my best to respond promptly; however, replies may take some time.