

EEM 430 Front Runners

3rd and 4th quarters, Senior

Instructor	YONEZAWA SUSUMU, KUZUU NOBU
Style of Class	Lecture
Number of Credits	2
Day and Period	To be advised

Course Description

In this course, business people and researchers in the forefront of industry will be invited to talk based on their own experiences about what they do, technology management, their thoughts about their work, and their aspirations for the future. The course aims to build students' hopes for their future, and for society, by exposing them to people active on the front lines of the business world, and particularly those who work in students' prospective career fields. The course will follow a lecture format, in which people with experience gathering information and negotiating in the Japanese and global markets will be invited to give lectures about how local manufacturers develop manufacturing technology and create value to bring products to the market. The course will also provide students with the foundation needed to solidify their ideas on developing a career.

Course Objectives

Students will:

- (1) gain understanding about what it means to work in a company and the realities of career development
- (2) gain understanding of how people in various industries have applied what they learned at university to the real world
- (3) increase their desire to learn and raise their awareness of the importance of self-study

Prerequisites

None.

Class Materials

Handouts prepared by the invited lecturers.

Course Method

The course will consist of lectures which will explain each topic, using the handouts. After each lecture, students must write a report consisting of a summary of and their thoughts on the lecture, while thinking about their ideas about their own careers. Seminar-style discussions will also be held when necessary, and students will be required to submit a report on the results of the discussion.

Evaluation/Assessment

Based on reports

Grading

100% reports

Course Schedule

Week 1: Lecture: Learning from front runners

Students will gain understanding on what "front runner" means, and the purpose of studying them.

Week 2: Lecture: Career education from the perspective of corporate engineers (1)

Students will learn about what a career is from talks given by corporate engineers.

Week 3: Lecture: Career education from the perspective of corporate engineers (2)

Students will learn the importance of career advancement as told from the perspective of corporate engineers.

Week 4: Lecture: Career education from the perspective of corporate engineers (3)

Students will learn about how to develop a career as told from the perspective of corporate engineers.

Week 5: Lecture: Career education from the perspective of corporate engineers (4)

Students will learn about the skills to start a business as told from the perspective of corporate engineers.

Week 6: Lecture: Working in technological development at a local company and studying at a university (1)

Students will hear about local corporate engineers' development work experiences and examples of career development, and learn about the significance of studying at university.

Week 7: Lecture: Working in technological development at a local company and studying at a university (2)

Students will hear about local corporate engineers' development work experiences and examples of career development, and learn about the significance of studying at university.

Week 8: Lecture: Working in technological development at a local company and studying at a university (3)

Students will hear about local corporate engineers' development work experiences and examples of career development, and learn about the significance of studying at university.

Week 9: Lecture: The varieties of career paths and creativity at a company (1)

Students will learn about the variety of possible career paths for a corporate engineer, and what is needed to foster creativity essential in the workplace.

Week 10: Lecture: The varieties of career paths and creativity at a company (2)

Students will learn about the variety of possible career paths for a corporate engineer, and what is needed to foster creativity essential in the workplace.

Work 11: Lecture: Various forms of industry-academia partnerships and the foundation you should acquire while at university (1)

Students will learn about the different forms of industry-academia partnerships and examine the foundation required to join the workforce in the industrial world, and think about what they should study at university to acquire that foundation in accordance with their own circumstances.

Work 12: Lecture: Various forms of industry-academia partnerships and the foundation you should acquire while at university 2)

Students will learn about the different forms of industry-academia partnerships and examine the foundation required to join the workforce in the industrial world, and think about what they should study at university to acquire that foundation in accordance with their own circumstances.

Week 13: Lecture: Challenges for global expansion (1)

Students will learn about issues in expanding a business globally and problems that need to be solved when expanding, and consider how to address those problems.

Week 14: Lecture: Challenges for global expansion (2)

Students will learn about issues in expanding a business globally and problems that need to be solved when expanding, and consider how to address those problems.

Week 15: Lecture: Living in society with vigor and creativity

This lecture will provide a summary of what was covered in the course, and teach students to recognize the importance of learning from a wide variety of people, things, ideas, and experiences.

Week 16: Lecture: Feedback on reports

Students will think about the importance of self-study by reviewing and sharing their submitted reports with each other.

Preparation and Follow-up

Before each talk by invited lecturers, look up their company's information on their website or other resource to gain an overview of their company. Other resources to help prepare for the class will be posted on the University of Fukui Portal. After each lecture, students must submit reports consisting of a summary and their thoughts on the topic covered. Other assignments will be given as needed.