

## FOLENS Syllabus

**Subject Title: Technical English 技術英語表現法 [Advanced Systems Chemical Engineering IV (システム化学工学講座特別講義IV) ]**

<b>Subject Category:</b>	Green Technology	<b>Credit</b>	2	<b>Code</b>	1080226
<b>Department</b>	Department of Applied Chemistry, Graduate School of Engineering				
<b>Semester</b>	2nd/Fall	<b>Day(s)/ Period(s)</b>	Intensive		
<b>Class Format</b>			<b>Location</b>		
<b>Instructor</b>	Kenichi Yoneda, Associate Professor				
<b>Office</b>	FOLENS Office Room 1401B, Center for Innovation and Intellectual Property, Koganei Campus	<b>Email</b>	k_yoneda@cc.tuat.ac.jp (Kenichi Yoneda)		

### ■ Goal& Outline

Through the knowledge and studies about waste management of Asian countries you will learn the Technical English. Especially through 3 items below,

1. I will tell the Asian countries environment problems through my experiences of waste management in Japan, Thailand, Sri Lanka and Vietnam.
2. You could read and understand the Asian countries environmental problems.
3. We will investigate into the Tokyo Super-Eco-Town and discuss about the waste management of Japan.

### ■ Course description

This course will be conducted in English.

1)2); November 19 (Tuesday) 13:00-14:30/14:45-16:15

L1211, Building12, Koganei Campus

- Orientation (Guidance/ Grouping of the students) and lecture about the environmental issues and waste management of Japan
- Reading about the environmental issues and the waste management of the United States

3)4); November 21 (Thursday) 09:00-17:00

L1211, Building 12, Koganei Campus

- Reading about the environmental issues and the waste management of EU
- Reading about the environmental issues and the waste management of Thailand

5)6); November 26 (Tuesday) 13:00-14:30/14:45-16:15

L1211, Building 12, Koganei Campus

- Reading about the environmental issues and the waste management of Sri Lanka & Vietnam
- Explanation about Tokyo Super-Eco-Town study

7)8)9); November 28 (Thursday) 13:00-14:30/14:45-16:15

Investigation into Tokyo Super-Eco-Town and we will study three green technologies as below,

- E-waste recycling technology
- Construction and demolition waste recycling technology
- PCB waste treatment technology

10)11); December 3(Tuesday) 13:00-14:30/14:45-16:15

L1211, Building 12, Koganei Campus

- Organizing the Tokyo Super-Eco-Town study (Report must be submitted about the Tokyo Super-Eco-Town study)
- Writing environmental issues and waste management of Japan

12)13); December 5 (Thursday) 13:00 – 14:30 /14:45-16:15

L1211, Building 12, Koganei Campus

- Writing environmental issues and waste management of Thailand
- Discussion about the environmental issues and waste management of the Asian countries

14)15); December 10 (Tuesday) 13:00 – 14:30 /14:45-16:15

L1211, Building 12, Koganei Campus

- Seeing the DVD Trashed
- Discussion about the environmental issues and waste management of the world about the DVD Trashed

16)17); December 12 (Thursday)13:00-14:30/14:45-16:15

L1211, Building 12, Koganei Campus

- Some students organize and present the environmental issues and waste management of one Asian country
- Other students organize and present the environmental issues and waste management of the DVD Trashed (Report must be submitted about waste management of one Asian country or the DVD Trashed)

### ■ Prerequisites

General knowledge of environment problem in Japan

Knowledge about waste management in Japan

### ■ Textbook(s)

Municipal Solid Waste Management in Asia and the Pacific Islands

### ■ Reference publication(s)

MOE report, EPA report and UNEP report

### ■ Evaluation standards

Investigation into the Tokyo Super-Eco-Town, minimum 5 days attendances from 8 days and 2 Reports

### ■ Message from instructor(s)

### ■ Course keywords

Environmental problem, Environmental issue, Waste, Waste management, MSW (Municipal Waste Management)

### ■ Office hours

### ■ Remarks

### ■ Related URL

### ■ Last Updated

2013.03.17