

Course Syllabus

- 1. Course title :** English for environmental technology
- 2. Course code:** EFET233710
- 3. Credit units:** 3 (3/0/6) (3 units of theory/ 0 units of practice, experiment/ 6 units of self- study)
Duration: 15 weeks (3 hours of theory + 0 hour of practice + 6 hours of self-study per week)

4. Course intructors:

- 1/ Dr. Nguyen My Linh
- 2/ Dr. Tran Thi Kim Anh

5. Course requirements :

- Preresiquisite courses : None
- Previous course : None
- Parallel course : None

6. Course Description :

The course is designed to enable students to combine their ability to use English with technical knowledge, particularly knowledge of environmental technology, to develop a uniform four language skills through a variety of activities. On the other hand, the course also provides a variety of Environmental terms and codes to help students read, understand, and translate Environmental Engineering materials.

7. Course Goals

Goals	Goal description	Programme Expected learning outcome (ELOs)
G1	Professional knowledge in environmental technology, such as water, air, emissions, waste management and treatment.	ELO2
G2	Practise team-work skill. Communicate effectively though written documents.	ELO9 ELO10
G3	Communicate effectively in English for environmental engineering technology	ELO11

8. Course learning outcomes: (CLOs)

CLOs		CLOs description (After accomplishing this course, students are able to:)	Programme ELOs
G1	CLO1	Present the definitions in environmental engineering technology	ELO2
	CLO2	Explain the specific knowledge of environmental technology to apply and solve the related problems.	
G2	CLO3	Work in team	ELO9
	CLO4	Communicate through report and presentation	ELO10
G3	CLO5	Communicate effectively in English for environmental engineering technology	ELO11

9. Learning Resources

- Textbook:

[1] Nguyễn Thị Minh Tâm, *English for Environmental Technology* (For internal use only), 2009

- Reference:

[1] Edward S. Rubin: *Introduction to Engineering & the Environment*; the McGraw Hill Companies, Inc., 2001

10. Student Assesement :

- Grading scale : 10
- Assesement plan :

Type	Content	Timeline	Assesement Method	CLOs	Rate (%)
Assignments					25
BT# 1	Review some topics in the textbook before class	Week 2 - 14	Small question in class	CLO1 CLO2	25
Essay - Report					25
BL#1	Student will pick up one topic related to Environmental Technology	Week 7	Rubrics	CLO1 CLO2 CLO3 CLO4 CLO5	25
Final test					50

	The content covers all of course outcomes.	School calendar	Presentation Rubrics	CLO1 CLO2 CLO3 CLO4 CLO5	50
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11. Course content

Week	Content	CELOs
1-2	Unit 1: ENVIRONMENTAL ISSUES (6/0/12)	
	A/ Teaching content in classroom (6) 1.1.Introduction 1.2.Environmental concerns 1.3.Sources of Environmental impacts Summary of teaching methodology: – Speech – Group discussion – Slide presentation (Powerpoint)	CLO1 CLO2 CLO3 CLO4 CLO5
	B/ The contents of home self-study (12) All the contents of unit 1	CLO1 CLO2 CLO3 CLO4 CLO5
3-4	Unit 2: AIR POLLUTION (6/0/12)	
	A/ Teaching content in classroom (6) 2.1. What is air pollution? 2.2. Types of air pollutants 2.3. Causes of air pollution 2.4. Effects 2.5. Solutions Summary of teaching methodology: – Speech – Group discussion – Slide presentation (Powerpoint)	CLO1 CLO2 CLO3 CLO4 CLO5
	B/ The contents of home self-study (12) All the contents of unit 2	CLO1 CLO2 CLO3 CLO4 CLO5
5-6	Unit 3: NOISE POLLUTION AND VIBRATION (6/0/12)	

	<p>A/ Teaching content in classroom (6)</p> <p>3.1. What is noise pollution? 3.2. Units for measuring sound levels 3.3. Sources 3.4. Effects 3.5. Solutions</p> <p>Summary of teaching methodology:</p> <ul style="list-style-type: none"> – Speech – Group discussion – Slide presentation (Powerpoint) 	<p>CLO1 CLO2 CLO3 CLO4 CLO5</p>
	<p>B/ The contents of home self-study (12)</p> <p>All the contents of unit 3</p>	<p>CLO1 CLO2 CLO3 CLO4 CLO5</p>
7-8	<p>Unit 4: WATER QUALITY MANAGEMENT (6/0/12)</p>	
	<p>A/ Teaching content in classroom (6)</p> <p>4.1. Water quality 4.2. Water quality management 4.3. The need to manage water quality 4.4. Waste water treatment Process</p> <p>Summary of teaching methodology:</p> <ul style="list-style-type: none"> – Speech – Group discussion – Slide presentation (Powerpoint) 	<p>CLO1 CLO2 CLO3 CLO4 CLO5</p>
	<p>B/ The contents of home self-study (12)</p> <p>All the contents of unit 4</p>	<p>CLO1 CLO2 CLO3 CLO4 CLO5</p>
9-12	<p>Unit 5: SOLID WASTE MANAGEMENT (12/0/24)</p>	
	<p>A/ Teaching content in classroom (12)</p> <p>5.1. What is solid waste? 5.2. The Waste Stream 5.3. Waste Disposal Methods</p> <p>Summary of teaching methodology:</p> <ul style="list-style-type: none"> – Speech – Group discussion 	<p>CLO1 CLO2 CLO3 CLO4 CLO5</p>

	– Slide presentation (Powerpoint)	
	B/ The contents of home self-study (24) All the contents of Unit 5	CLO1 CLO2 CLO3 CLO4 CLO5
13-15	Unit 6: ENVIRONMENT AND SUSTAINIBILITY (6/0/12)	
	A/ Teaching content in classroom (6) 6.1. Environmental Management 6.2. The Sustainable Communities Summary of teaching methodology: – Speech – Group discussion – Slide presentation (Powerpoint)	CLO1 CLO2 CLO3 CLO4 CLO5
	B/ The contents of home self-study (12) All the contents of Chapter 6	CLO1 CLO2 CLO3 CLO4 CLO5

12. Learning ethics:

The homework and projects must be implemented by the students themselves. If the copy is detected, the students will be evaluated with the zero of the processing grade and final exam.

13.Date of first approval: August 1st, 2012

14.Approved by:

Dean

Head of Department

Compiler

A/Prof. Nguyen Van Suc

MSc Nguyen Thi Minh Nguyet

Dr. Nguyen My Linh

15.Date and Up-to-date content

1st time: Date: 2015 - Update content and structure of the programme adjusted in: Updated content of English for environmental technology.	Instructor: Head of Department:
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