

【授業目的】 To improve students' ability to write and speak on technical subjects using English.

【授業概要】 This is a language course designed for engineering students. It's aim is to increase students' confidence communicating in English. The focus will be on practicing simple technical language that is commonly used in science and engineering. Vocabulary and communication techniques are introduced and explored through the use of real-life science topics. This is a practical course, which requires a high degree of student participation.

【キーワード】 *reading, Writing, Speaking, Listening*

【先行科目】 [先行科目]

【関連科目】 [関連科目]

【履修要件】 None

【履修上の注意】 None

【到達目標】 The goal of this course is to increase the students' technical English vocabulary and confidence communicating in English. By the end of the course students should be able to give an oral presentation and written summary of a technical topic in English.

【授業計画】

1. Course outline and self-introductions
2. Language for spatial description
3. Basic numbers in science
4. Body language and presentation practice
5. Scientific units of measurement
6. Description and cause-and-effect
7. Compare and contrast
8. Presentation techniques, and practice
9. More presentation practice
10. Definition and description
11. Structure, organization, explanation
12. Visual aids and science
13. Final presentations: assessment
14. Final presentations: assessment
15. Final presentations: assessment

【成績評価基準】 Grades will be determined by two assessments: an oral presentation (40%) and a written essay (60%) on a technical topic.

【教科書】 Technical English 1, David Bonamy, Pearson-Longman

【参考書】 Presenting Science (1st and 2nd editions), MacMillan Languagehouse.

【授業コンテンツ】 <http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=215854>

【対象学生】 開講コース学生のみ履修可能

【連絡先】

⇒ 西口 (創成学習開発センター 3 階, 088-656-7304, nishiguchi@cicee.tokushima-u.ac.jp) MAIL (オフィスアワー: 火曜日 12:00pm-1:00pm)

【備考】 An English-Japanese dictionary is also recommended.

## Communication using Technical English

2 units (selection)

Sumiyo Nishiguchi · ASSISTANT PROFESSOR / PRODUCTION SYSTEMS ENGINEERING, DEPARTMENT OF MECHANICAL ENGINEERING, Pankaj Koinkar · DESIGNATED ASSISTANT PROFESSOR / GRADUATE SCHOOL OF ADVANCED TECHNOLOGY AND SCIENCE

**Target** › To improve students' ability to write and speak on technical subjects using English.

**Outline** › This is a language course designed for engineering students. Its aim is to increase students' confidence communicating in English. The focus will be on practicing simple technical language that is commonly used in science and engineering. Vocabulary and communication techniques are introduced and explored through the use of real-life science topics. This is a practical course, which requires a high degree of student participation.

**Keyword** › *reading, Writing, Speaking, Listening*

**Fundamental Lecture** › [先行科目]

**Relational Lecture** › [関連科目]

**Requirement** › None

**Notice** › None

**Goal** › The goal of this course is to increase the students' technical English vocabulary and confidence communicating in English. By the end of the course students should be able to give an oral presentation and written summary of a technical topic in English.

**Schedule** ›

1. Course outline and self-introductions
2. Language for spatial description
3. Basic numbers in science
4. Body language and presentation practice
5. Scientific units of measurement
6. Description and cause-and-effect
7. Compare and contrast
8. Presentation techniques, and practice
9. More presentation practice
10. Definition and description
11. Structure, organization, explanation
12. Visual aids and science
13. Final presentations: assessment
14. Final presentations: assessment
15. Final presentations: assessment

**Evaluation Criteria** › Grades will be determined by two assessments: an oral presentation (40%) and a written essay (60%) on a technical topic.

**Textbook** › Technical English 1, David Bonamy, Pearson-Longman

**Reference** › Presenting Science (1st and 2nd editions), MacMillan Languagehouse.

**Contents** › <http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=215854>

**Student** › Able to be taken by only specified class(es)

**Contact** ›

⇒ Nishiguchi (Innovation Center 3rd floor, +81-88-656-7304, nishiguchi@cice.e.tokushima-u.ac.jp) MAIL (Office Hour: Tuesdays 12pm-1pm)

**Note** › An English-Japanese dictionary is also recommended.