

## Advanced Technical English

1 unit (selection)

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**Target)** The aim of the course is to enhance reading, writing, speaking and listening skills. Another goal is to establish a firm foundation for students to present their knowledge to others, in English.

**Outline)** The primary focus will be the development of English skills: listening comprehension, reading, writing, and speaking. A key objective will be to increase and broaden knowledge of technical and scientific vocabulary. The final result: students should be able to produce English presentations, especially science-related presentations. The emphasis of the course content is intended to strengthen and expand both comprehension and expressive abilities. It is anticipated that this will include improving the basic aspects of clear writing: basic grammar, vocabulary, and recurring patterns of typical sentence structures.

**Keyword)** *Technical English, technology, English presentations*

**Fundamental Lecture)** “[Technical English](#)”(1.0)

**Relational Lecture)** “[Practical Technical English](#)”(1.0)

**Requirement)** You should have received credit for “Technical English.”

**Notice)** This subject compulsory for Nichia STC students. If you are not a Nichia STC student and want to attend this class, please contact a coordinator in your department for getting permission for your attendance.

**Goal)**

1. To develop vocabulary, sentence formations, and presentation principles of communication in order to establish a firm foundation for public speaking and technical presentations, in English
2. To develop three English skills: listening comprehension, speaking, reading and writing.

**Schedule)**

1. Technical Vocabulary
2. Foreign words and phrases, Prefixes
3. Accuracy in using words
4. Common spelling problems, Simple language
5. Avoiding unnecessary words, Jargon
6. Usage of Technical words: Different grammatical forms of the same word
7. Words: Synonyms, Spelling
8. Measuring units

9. Cause and effect

10. Comparing-contrasting

11. Descriptions: Stating a problem, describing situation and change

12. Choice of words

13. Graphs and diagrams

14. Expressing ideas and opinions

15. Analysis

**Evaluation Criteria)** Grades will be based on class participation, a mid-term, presentations and homework assignments.

**Textbook)** “Presenting Science, ” (Second Edition), 2008, Macmillan Language-House.

**Contents)** <http://cms.db.tokushima-u.ac.jp/cgi-bin/toURL?EID=215978>

**Student)** Nichia STC students and, possibly, a limited number of other students are permitted to take this course.

**Contact)**

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