

科目 科学英語特論 I (English for Scientists I)

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【1】 授業の目的と学習成果〔教育目標・期待される学習成果〕

This is a presentation and discussion class in English. We will use interesting presentations from the website TED Talks which is a collection of speeches on various subjects. Students will watch exceptional speakers at home, and then discuss their ideas and ways of presentation in class. This will help to improve ability in listening and speaking as well as to increase vocabulary.

〔教育目標〕

- ・問題発見・解決力：卒業研究等のプロジェクト型少人数演習授業の充実と早期化
Improve listening, presentation and discussion skills.

〔期待される学習成果〕

- ・科学における課題解決の過程と結果を、論理的に文章として記述することができ、それらを他人に分かりやすく説明し、議論することができる。

Students will interact with one another using English, watch and understand TED talks, give better presentation and continue watching TED talks after completing by class.

【2】 授業計画

No.	内 容
1	Introductions- teacher, students, TED Talks
2	Topic- Happiness
3	Topic- Climate change
4	Topic- Success
5	Pick a topic for a TED Talk. Assign each other tasks
6	Finish preparations
7	Give and critique presentations
8	Topic—statistics with graphs and charts
9	Topic ? student-professor collaboration at major universities
10	Make an outline of your TED Talk. Trade outlines with a friend. Ask Questions.
11	Speaking style
12	Presentations
13	Presentations
14	Presentations
15	Presentations

【3】 到達目標

Students will improve their listening and presentation skills by watching TED Talks in English with Japanese subtitles as many times as needed for homework. They are expected to print out the bilingual script and bring it to class for discussion reference. Observing good speaking skills will teach and inspire them to make group and individual presentations.

【4】 授業概要

Students will discuss presentations suggested by the teacher or their classmates. In small groups, they will answer questions covering material and presentation style. We will also listen to and critique each others' speeches and presentations. This will provide opportunity to learn from each other. The teacher will act more as facilitator than lecturer or instructor.

【5】 準備学習（予習・復習）等

Before class, watch a TED talk and take notes.
After class, write reviews in your notebook.

【6】 教科書・参考書・参考資料

TED Talks transcripts. These will be easily downloaded from the web site.

【7】 評価方法

Attendance and participation: 30% Group presentation: 30% Individual speeches and presentations: 40%

【8】 オフィスアワー

Students can ask questions before and after class.
English Lounge Mon. and Thurs. 12-4.

【9】 関連科目

[予め学んでおくとい科目]

科学英語特論Ⅱ (English for ScientistsⅡ)

[この科目に続く内容の科目]

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【10】 その他

How to watch or use TED talks will be explained in detail in the first session.