

電気通信大学 平成21年度シラバス

授業科目名	Technical English B		
英文授業科目名	Technical English B		
開講年度	2009年度	開講年次	
開講学期	前学期	開講コース・課程	博士前期課程
授業の方法	講義	単位数	
科目区分	電気通信学研究科-情報通信工学専攻-専門科目		
開講学科・専攻	情報通信工学専攻		
担当教官名	Brian Kurokoski (ブライアン クルカスキー)		
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【主題および達成目標】

Technical English A 同様に国際的な研究環境における大学院学生の英語の文章作成 及び口語能力の向上を目指す。Aよりは高いレベルの能力醸成を目的とする。文章作成においては全般的に一貫性のある文書の構成と、論文の投稿と査読過程の理解を通じて良い論文の書き方を学ぶ。口語においては実際の発表を想定した抑揚や発声の仕方を学ぶ。

The goal of Technical English A/B is to prepare students for the international research environment by helping them improve their written and spoken technical English.

In Technical English B the emphasis shifts from the sentence level to producing overall coherent documents. This includes correcting ambiguities and gaps in logical reasoning related to word usage. The journal submission and peer-review process is discussed, so students understand aspects of a successful paper. In the spoken English section, the emphasis shifts to performance aspects such as intonation and voice projection. A final project will include a short paper suitable for submission to a journal or conference.

【前もって履修しておくべき科目】

No specific previous course are required.

【前もって履修しておくことが望ましい科目】

Students must be currently conducting research, and intend to write about it in English. Most students taking the course intend to submit a paper to a journal or conference. Students must have enough English skill to prepare a manuscript on their own.

Technical English A is not a requirement for Technical English B.

**【教科書等】**

No required texts.

Recommended texts:

The Elements of Style. William Strunk and E. B. White.

Writing for Computer Science, Second Edition. Justin Zobel, 2005, Springer.

Oxford Guide to Plain English. Martin Cutts.

**【授業内容とその進め方】**

**授業内容**

About 80% of the course is on writing, about 20% on making oral presentations. Both Technical English A and B will cover many of the following points.

The standard Introduction, Methods, Results and Discussion (IMRAD) format of academic writing is reviewed.

Improve basic writing skills by focusing on these points within the area of technical writing.

Prepare for making oral presentations at conferences.

Preparation of visuals, such as graphs of numerical results, is considered.

**授業の進め方**

Students are expected to participate in discussions, and ask questions during class. For the in-class presentations, if students do not have their own laptop computer, then one will be provided.

**授業時間外の学習**

Students are given frequent writing assignments, and the opportunity to improve and revise their work, done outside of class. Students will make oral presentations during the semester, to be prepared using software such as PowerPoint outside of class.

**【成績評価方法及び評価基準(最低達成基準を含む)】**

Written assignments: 50%

Final report: 20%

Final oral presentation: 10%

Oral participation: 10%

Attendance: 10%

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### 【オフィスアワー：授業相談】

West 1, Room 302  
Monday, 14:40 to 16:10.  
Or email for an appointment

### 【学生へのメッセージ】

This class is run like a workshop. The students must frequently submit writing. So the students' work is used for discussion and teaching examples in class. In this way, students can get feedback on their writing, while the other students can hear about common mistakes and how to correct them.

### 【その他】