システム情報工学研究科　研究科共通科目(博士後期課程)

研究科共通科目(博士後期課程)

科目番号	科目名	授業方法	単位数	標準履修年次	実施学期	曜時限	教室	担当教員	授業概要	備考
02CA101	テクニカルライティング基礎	1	2.0	1 - 3	春AB	火5,6	総合B112-1	ミラー ニール	In this course students will develop skills for effective academic writing in technical and semi-technical subjects. Topics will include (1) writing in an appropriate academic style, (2) writing coherent paragraphs, (3) making a text 'flow' (cohesion), (4) describing processes, (5) commenting on data, and (6) paraphrasing other authors' work. Students will learn how to produce a number of key text types including problem-solution texts, summaries and data commentaries. In class students will analyse and discuss both simplified texts and extracts from authentic research articles. Throughout the course students will apply what they learn to construct a series of short texts, some of them related to research in their own field.	英語で授業。
02CA102	テクニカルライティング基礎	1	2.0	1 - 3	秋AB	火5,6	総合B112-1	ミラー ニール	In this course students will develop skills for effective academic writing in technical and semi-technical subjects. Topics will include (1) writing in an appropriate academic style, (2) writing coherent paragraphs, (3) making a text 'flow' (cohesion), (4) describing processes, (5) commenting on data, and (6) paraphrasing other authors' work. Students will learn how to produce a number of key text types including problem-solution texts, summaries and data commentaries. In class students will analyse and discuss both simplified texts and extracts from authentic research articles. Throughout the course students will apply what they learn to construct a series of short texts, some of them related to research in their own field.	英語で授業。
02CA103	テクニカルライティング発展	1	2.0	1 - 3	春AB	木5,6	総合B108	ミラー ニール	In this course students will apply skills and knowledge developed in Introductory Technical Writing to construct a short research paper based an aspect of their own research. In the first class students will develop a plan for their research paper. In following classes students will learn how to construct the sections that typically make up a research article (i.e. Introduction, Methods, Results, Discussion). There will be a strong focus on analysing texts in order to understand the type of information contained in each of the sections, how it is organised, and the typical language features (e.g. vocabulary, grammar structures and phrases). In addition to simple generic texts, students will select and analyse a number of research articles from their own discipline. Students will also learn how to use text analysis tools to help them employ appropriate phraseology in their writing. Students will submit and receive feedback on a draft of their paper before submitting a final version for assessment.	Students wishing to take this course should have already completed Introductory Technical Writing 英語で授業。

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02CA104	テクニカルライティング発展	1	2.0	1 - 3	秋AB	木5,6	総合B108	ミラー ニール	In this course students will apply skills and knowledge developed in Introductory Technical Writing to construct a short research paper based an aspect of their own research. In the first class students will develop a plan for their research paper. In following classes students will learn how to construct the sections that typically make up a research article (i.e. Introduction, Methods, Results, Discussion). There will be a strong focus on analysing texts in order to understand the type of information contained in each of the sections, how it is organised, and the typical language features (e.g. vocabulary, grammar structures and phrases). In addition to simple generic texts, students will select and analyse a number of research articles from their own discipline. Students will also learn how to use text analysis tools to help them employ appropriate phraseology in their writing. Students will submit and receive feedback on a draft of their paper before submitting a final version for assessment.	Students wishing to take this course should have already completed Introductory Technical Writing 英語で授業。
02CA109	アカデミック・プレゼンテーション 1	2	1.0	1 - 3	春AB	火2	総合B811	ミラー ニール	In this practical course students will develop skills to help them make English academic presentations with clarity and confidence. Students will learn about and make three types of presentations: (1) Academic Introductions; (2) Describing and Comparing Objects; and (3) Explaining a Process. In class, students will analyse and discuss sample presentations and learn useful techniques and language. There will be a strong focus on developing clear diction - e.g. pronunciation, word stress, sentence stress and pausing. There will be plenty of opportunities for students to practice presentation skills and to evaluate their own and other's work.	2017年度までに開講された「サイエンス・コミュニケーションI」(02CA107/02CA108)を履修した学生の単位取得は認めないが、聴講は歓迎する。 英語で授業。
02CA110	アカデミック・プレゼンテーション 2	2	1.0	1 - 3	秋AB	火2	総合B811	ミラー ニール	This course continues from Academic Presentations 1. In this practical course students will develop skills to help them present their research in English with clarity and confidence. The first part of the course, students will learn about two types of presentations: (1) Defining a Concept; and (2) Problem-Solution Speech. In class students will analyse and discuss sample presentations and learn useful techniques and language. In the second part, students will make a presentation based an aspect of their research. This will involve applying skills and knowledge that they have learnt in both courses.	2017年度までに開講された「サイエンス・コミュニケーションI」(02CA107/02CA108)を履修した学生の単位取得は認めないが、聴講は歓迎する。 英語で授業。
02CA111	アカデミック・スピーキング 1	2	1.0	1 - 3	春AB	木2	総合B811	ミラー ニール	This class develops speaking skills students need to participate effectively in academic seminars and discussions. The course is organized around easy general topics such as 'being a successful student', 'education and technology', 'changing roles in families' and 'a healthy lifestyle. Students will learn skills and language for participating in discussions and seminars - e.g. expressing agreement and disagreement, checking understanding and using sources to support ideas and opinions. Each week individual students take turns to lead an in-class discussion on a topic of their choice.	2017年度までに開講された「サイエンス・コミュニケーションII」(02CA107/02CA108)を履修した学生の単位取得は認めないが、聴講は歓迎する。 英語で授業。

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02CA112	アカデミック・スピーキング 2	2	1.0	1 - 3	秋AB	木2	総合B811	ミラー ニール	This course is a continuation of Academic Speaking 1. This class develops speaking skills students need to participate effectively in academic seminars, discussions and debates. The course is organized around easy general topics such as 'the influence of the media', 'issues in the workplace', 'science and the paranormal' and 'studying overseas'. Students will learn skills and language for participating in academic discussions- e.g. expressing agreement and disagreement, checking understanding and using sources to support ideas and opinions. Each week individual students take turns to lead an in-class discussion on a topic of their choice.	2017年度までに開講された「サイエンス・コミュニケーションII」(02CA107/02CA108)を履修した学生の単位取得は認めないが、聴講は歓迎する。 英語で授業。