

電気通信大学 平成21年度シラバス

授業科目名	(G)UEC Academic Skills I B		
英文授業科目名	UEC Academic Skills I B (Computer Literacy)		
開講年度	2009年度	開講年次	1～4年次
開講学期	後学期	開講コース・課程	昼間コース
授業の方法	講義	単位数	2
科目区分	総合文化科目-国際科目-		
開講学科・専攻	情報通信工学科 情報工学科 電子工学科 量子・物質工学科 知能機械工学科 システム工学科 人間コミュニケーション学科		
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公開E-Mail	授業関連Webページ
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【主題および達成目標】
<p>この授業は、本学の海外協定校(姉妹校)から来ている交換留学生を対象とした英語で開講されている授業です。</p> <p>理工系の専門英語で勉強する機会として、正規生にも開講されており、海外で留学したときの授業を受講する雰囲気や電通大で体験できる授業です。</p> <p>This course gives the students the intermediate-advanced knowledge of computer systems and computer networks in a typical academic environment. Learning by examples is the main characteristic of this course. The first part of each class is the theoretical part given by the instructor. The second part is the practical exercises designed for each core topic. The usage of primitive but powerful tools such as UNIX shell, HTML, LaTeX is promoted.</p>

【前もって履修しておくべき科目】
It is good enough if you know how to browse homepages on internet.

【前もって履修しておくことが望ましい科目】
Not Applicable.

【教科書等】
http://www.hajimetenone.jp/index.html

【授業内容とその進め方】

Lectures & Hands-On Practice are provided in every Class.

Week #1: UEC network infrastructure

Week#2: UNIX basics

Week #3 UNIX networking

Week #4 UNIX processes

Week #5 Secure communications and printing services

Week #6 Home page making

Week #7 HTML basics

Week #8 Hack the CGI counter appearance

Week #9 Web scripting

Week #10 UNIX intermediate

Week #11 C language Introduction

Week #12 GCC

Week #13 LaTeX

Week #14, Week #15, Week #16

Studies on LaTeX Formats and Templates for UEC International Mini-Conference

【授業時間外の学習（予習・復習等）】

The major homework is to create the contents of your own homepage, according to the task given in the classes.

--Homepage has to be created with more than 2 frameworks and one visiting-counter.

--The contents of your homepage have to be under www.fedu.uec.ac.jp server.

--Your Homepage contents must include the following topics in English:

-----First Impression of UEC

-----Impression of Japan for Foreign Students

-----Your Study Major & Research

-----Introduction of UEC

-----Useful Web URL and online resources

【成績評価方法及び評価基準(最低達成基準を含む)】

There is no examination at the end of semester. However, the evaluation will be given according to the following policies:

Assignments

Except for the projects, all other assignments are designed to be done during the class time. At the end of the theoretical explanation, students are given enough time to make the exercises and finish the assignment for the class. If students are not able to finish the class assignments during the class period, they have until 23:59 of the same day to submit the assignment by email. Assignments sum 20% of the final grade.

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Evaluation is given as follows;

Attendance 10 %

Assignments 20 %

Project 1 (Webpage) 35 %

Project 2 (LaTeX abstract) 35 %

Total 100 %

【オフィスアワー：授業相談】

Tuesday 12:00-13:00 at P-302 of UEC Building P.

Appointment Essential by E-mail in advance.

【学生へのメッセージ】

This is offered to foreign students who are from UEC partner universities over the world. It is the best class to make international friends at the same time as to study HTML.

The class contents are designed for all the students capable the followings;

To be an intermediate-advanced UNIX user

To use network tools for file transfer, encrypted communications, network diagnosis

To create and publish hand-made web pages

To understand a compiler environment

To create journal quality publications using LaTeX

To edit, compile, run C programs with different optimization levels, and

To compile 3rd party software by ./configure; make; make install

【その他】

Attendance and Punctuality

Students are expected to come to class on time and stay for the 1.5 hours. Absences are excused in case of emergency, sickness, trips to conferences. Attendance is weighted as 10% of the final grade. To obtain this 10% the student should have assist 90% of all classes of the semester.

Class Participation

We expect students to be the active part of the learning process. We encourage the participation of students with questions, discussions, and comments. If you have anything interesting to say about the topics this course covers please feel free to share with the others in open forum.