

# Introduction to Computer Science

Syllabus Number

4E101

Special Subjects

Elective 2 credit

HINO, Hiroshi

## 1. Course Description

We spread quickly and study knowledge comprehensive and elementary about the computer which has permeated society. We study a concept, formation, etc. of the person using a computer fundamental [about software, hardware, and the Internet] about the difference between software and hardware from a viewpoint about the knowledge used as the starting point of information science. We learn the knowledge and skill about DP2 in this lesson.

## 2. Course Objectives

In using a computer, I aim at grasping the global image of software, hardware, and the Internet. I acquire knowledge indispensable to employment of an actual personal computer. I aim at acquisition of the capability for a trouble to be solvable also at the small sized business proprietor in which a special system administrator is not, or a home.

## 3. Grading Policy

About the sent report subject, I certainly comment and notify with success or failure. I evaluate results based on the mark in a subject acquisition examination.

## 4. Textbook and Reference

Textbook

Ken Sakamura Thrilling! computer study Shueisha International

Nobuo Niwa It is so interesting that he understands! You understands the structure of a personal computer well Technical Hyoronsha

## 5. Requirements(Assignments)

According to a subtext, please read a text and answer in the degree-of-comprehension test for every chapter. Please deepen an understanding to the contents of the chapter by a degree-of-comprehension test. For every chapter of a subtext, please learn and deepen knowledge for about 2 hours.

## 6. Note

## 7. Schedule

- |      |                                      |
|------|--------------------------------------|
| [1]  | Personal computer                    |
| [2]  | Information theory                   |
| [3]  | Boolean algebra                      |
| [4]  | Program                              |
| [5]  | Semiconductor of a personal computer |
| [6]  | CPU                                  |
| [7]  | Memory                               |
| [8]  | Hard disk                            |
| [9]  | OS                                   |
| [10] | OS                                   |
| [11] | Files                                |
| [12] | Peripheral equipment                 |
| [13] | Internet                             |
| [14] | Present condition                    |
| [15] | Future computer and society          |