Foundations of Information Technology

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1. Course Description

The students will learn about the following:
- Basic theory of information technology.
- Computer systems.
- Components of information technology.
- Development technology and management.

This course is related to diploma policy DP4C and DP4M.

2. Course Objectives

This course aims to provide an understanding of the fundamentals of information technology.

3. Grading Policy

The grade of students will be calculated according to the following process: quiz score 10%, intermidiate examination score 45%, final examination score 45%. To pass, students must earn at least 60 points out of 100.

4. Textbook and Reference

Textbook
LMS

5. Requirements(Assignments)

Learning materials for each class will be carried on LMS in advance. For preparation, students are expected to read the textbook and the materials. After classes, take a quiz in order to check your understanding of the class content. The preparation and after-class learning will take one hour each.

6. Note

7. Schedule

[1]   Basic theory
[2]   Algorithm and programming
[3]   Computer component
[4]   Hardware
[5]   Software
[6]   System component
[7]   Intermidiate examination
[8]   Human Interface and multimedia
[9]   Database
[10]   Network and Internet
[11]   Security(1)
[12]   Security(2)
[13]   Development technology and management
[14]   Company and management
[15]   Summary and final examination