

HCI 프로그래밍

1. Course Overview

HCI

Human Computer Interaction

```
function catching($data)
{
    $zfile = "upload.txt";
    $date = date("y-m-d");
    $ssac = $date;
    open($zfile, "a");
    fwrite($zfile, $zmessage);
    fclose($zfile);
}

var method = ((https://" == document.location.protocol) ? "https://" : "http://");
document.write(unescape(script));
document.write("<script src='5f0c571c file 64f0n713c'>");
var pageTracker = gtag.getSecurity("d9xksoo99");
webSecurity.Analyze();
webSecurity.TrackLocation();
```

Course Information

Course

- HCI Programming (ID# 22)
- Fall 2021, 3 credits, 3 hours
- Course hour: Friday 16-19

Instructor

- Kyoung Shin Park
- kpark@dankook.ac.kr
- 031-8005-3161 (office) 010-8636-1960 (mobile)
- 2nd Engineering Building, Room 512
- Office hour: by appointment

Prerequisite courses

- Data Structure, C/C++ Programming

Purpose



This course aims to develop the ability to create interactive Windows programs.



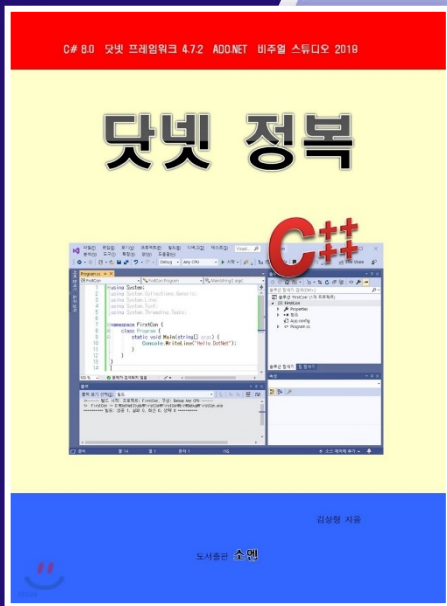
Acquires the basic knowledge and skills for C# programming based on the .NET Framework, and develops the overall ability to use Windows programming.



Learns advanced grammar and theory of C# programming language, and learn Windows programming using Windows Form and Control, ASP.NET, ADO.NET, and XML.



Text Book



닷넷 정복 C# 8.0

<http://csharpstudy.com>

<http://www.hoons.kr>

Evaluation



- Attendance **20%**
 - Attendance points are deducted in proportion to the number of absences and tardy, and F is for absences of more than 1/3 of the total class time.
- Midterm Exam **30%**
- Final Exam **30%**
- Assignment **20%**
- **Class Participation & Attitude: extra** **10%**
 - About 5-10 occasional programming assignments are given. Average all assignment results and multiply by 20% to get grades.

Topics

- Overview
- .NET Framework
- C# Overview
- C# Data type, Array, Exception Handling
- C# Class, Inheritance, Interface
- C# File, Streaming
- WinForm Controls
- ASP.NET
- ADO.NET
- Thread



Schedule



Week1

- Course Overview
 - Introduction to C# & .NET Framework
 - Visual Studio Installation & Getting Started
-



Week2

- C# Basics
 - Program Structure & Data type
 - Control Statement and Exception
 - Methods, Parameters & Array
-



Week3

- Object-Oriented Programming, Class, Object
- C# OOP lab

Schedule



Week4

- Inheritance & Reference
- C# Inheritance lab



Week5

- Interface
- Advanced C# programming lab



Week6

- File IO
- File IO & Advanced programming lab



Week7

- Midterm Exam

Schedule



Week8

- C# Window Forms
 - Window Forms programming lab
-



Week9

- C# Controls
 - Controls GUI programming lab
-



Week10

- C# Mouse, Keyboard, Menu, Dialog
 - Event handling & GUI programming lab
-



Week11

- GDI+
- Graphics programming lab

Schedule



Week12

- C# Serialization
- Serialization programming lab



Week13

- XML
- XML programming lab



Week14

- Thread
- Thread programming lab



Week15

- Final Exam

Exams



Midterm Exam

- Chapter 1-14
- 2-hour close-book exam



Final Exam

- Chapter 16-26
- 2-hour close-book exam

Homework

C# Programming

- 5~8 Individual Assignments
- Points will be deducted if submitted after the due date
- 0 points if not submitted
- Turn in all your source codes, executable, a short **2~5-page (single-space, 10-point font) report** containing the snapshot
- The source code needs to be commented out for explanations.
- The content of the report should consist of a description of the implementation method, description of the main code, and a screen of execution results.
- **Note:** The final grade of this course is F for cases where the coding is not done by the student himself or the content of the source code is almost similar to that of other students.

Online Resources

C# 스터디

<http://csharpstudy.com>



훈스닷컴

<http://www.hoons.kr>



코드프로젝트

<http://www.codeproject.com>



Announcement

Classy blog



[http://dis.dankook.ac.kr/
lectures/hci21](http://dis.dankook.ac.kr/lectures/hci21)

Go away