Course Syllabus:

C# Network Programming II course

Enroll to Excellence

Objectives:

This course provides an opportunity for C# programmer to extend the knowledge of Network Programming.

Medium:

Cantonese supplemented with English

Prerequisites:

Applicants should process C# and network programming skill.

Award of Certificate:

Students who achieve an attendance of 75% or above are qualified for the Attendance Certificate issued by the Department.

Topics include:

- Data communication: moving data and binary cross the network, moving complex objects, communication with other host type
- Asynchronous Sockets: AsyncCallBack Class and using Asynchronous Sockets
- Broadcasting: Local and Global Broadcasts, Broadcasting with C# and Broadcast packets to advertise a server advertising loop
- IP Multicasting: IP Multicasting and multicast techniques, Sending Multicast packets through routers, C# Socket Multicasting, C# UdpClient multicasting
- WebClient Class: Downloading and uploading web data, Viewing HTTP headers, Using Credentials, Advanced Web Classes: HttpWebRequest, HttpWebResponse

Total Hours: 21