Web Development with JAVA

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Date & Time: 12, 13, 14, 15 July 2004 (6:30 p.m. - 9:30 p.m.)
                    17 July 2004 (2:30 - 5:30p.m. & 6:30 - 9:30 p.m.)

Duration: 18 hours (6 sessions, 3 hours each)

Venue: D327 (12 Hrs - Lecture) / D358 (6 Hrs-Lab)

Medium: Cantonese, supplemented by English

Fee: HK$ 450

No. Of Participants: 28 – 35

Closing Date
for Applications: 2 July 2004

Course Description:
This course introduces Java programming, Java Applets and Java Database Connectivity for Web applications development.

Course Aim(s) & Objective(s):
This course aims to enable participants to develop Java applications and access databases through JDBC and/or ODBC for Internet applications.

Prerequisite Knowledge Required:
This course is intended for participants who have basic window knowledge and programming experience.

Targeted Participants:
This course is valuable for anyone who needs working knowledge in Java to integrate with databases for web applications

Course Contents:
- Java Applications and Java Applets
- Basic Java Programming: Data Types, Operations, Array, Expressions and Statements
- Objects and Classes: Overloading, Overriding, Inheritance, Abstract Class and Interface
- Class Modifiers and Method Modifiers
- Java Applet and Java Script
- Multi-threading and Exception Handling
- Java Standard Packages: Language, Utilities, Applets
- Application Windowing Tools (AWT)
- Java Database Connectivity: JDBC and ODBC
- Java Applets using JDBC and/or ODBC drivers
- Java SWING