99-2 Preliminary Syllabus, Da-Yeh Univ

Information

Title	Java	Serial No. / ID	1941 / IFI3048
Dept.		School System / Class	4 3
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	( )678 / H731	Language	Chinese

Introduction

In this course, you will learn how to use all the JSP standard elements and features, including elements for accessing JavaBeans components; separating the processing over multiple pages to increase reusability and simplify maintenance; and sharing information between pages, requests, and users. You will also learn how to use JSTL for tasks such as conditional processing, integration of database data, and internationalization, as well as how to develop your own custom components for tasks not covered by the standard components

Outline

Unit 1: Set Up JSP Environment, HTTP and Servlet Basics
Unit 2: Creating Dynamic Content, Processing Input and Output, Error Handling and Debugging
Unit 3: Database Access, Session Tracking, Multimedia Processing, Sending eMail
Unit 4: Using Scripting Elements, JSP Standard Tag Library, JavaBeans Components in JSP Pages
Unit 5: Web Application Models
Unit 6: Developing JavaBeans Components and Custom Tag Libraries for JSP,
Unit 7: Working with XML Data, Term Project

Prerequisite

HTML web page design (including Java Script)
Java Programming (or C++ Programming)
Database Systems (SQL)