

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	Java企業運算	Serial No. / ID	1427 / IFR5065
Dept.	資訊工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	邱瑞山	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)789 / H708	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)