

COURSE DETAIL

INTERNET SOFTWARE PLATFORMS

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering Computer Science

UCEAP Course Number

146

UCEAP Course Suffix**UCEAP Official Title**

INTERNET SOFTWARE PLATFORMS

UCEAP Transcript Title

INTERNET SFTWR PLTF

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the design, the architecture and the development of web applications using technologies currently popular in the marketplace including Java and .NET environments. There are three key themes examined in the unit: Presentation layer, Persistence layer, and Interoperability. The course will examine practical technologies such as JSP and Servlets, the model-view-controller (MVC) architecture, database programming with ADO.NET and JDBC, advanced persistence using ORM, XML for interoperability, and XML-based SOAP services and Ajax, in support of the theoretical themes identified.

Language(s) of Instruction

English

Host Institution Course Number

ELEC3609

Host Institution Course Title

INTERNET SOFTWARE PLATFORMS

Host Institution Course Details

<https://www.sydney.edu.au/units/ELEC3304.html>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Electrical and Information Engineering

Course Last Reviewed

2023-2024

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