# COURSE DETAIL

| INTERNET SOFTWARE PLATFORMS |
| --- |
| **Country**<br>Australia |
| **Host Institution**<br>University of Sydney |
| **Program(s)**<br>University of Sydney |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Electrical Engineering Computer Science |
| **UCEAP Course Number**<br>146 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>INTERNET SOFTWARE PLATFORMS |
| **UCEAP Transcript Title**<br>INTERNET SFTWR PLTF |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>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

Print