WEBP202: Web Programming

15 credits

Part 1 Web architectures

The first part of this module focuses on how the components of the client-server architecture can deliver dynamic content to web pages. This part covers web application architectures, including cloud technology; server (Apache, Tomcat) and client side components (web browsers, databases) and programming languages (JavaScript, PHP and SQL).

Part 2 Mobile content

Part 2 examines the trend toward more portable content and content customisation and also explores mobile content and applications. It considers aspects such as Web 2, content manipulation and approaches to delivering content to mobile devices. You will also undertake the development of a simple mobile application.

Part 3 Developing applications

The final part explores how applications are planned, designed and developed by IT professionals, examining application design, development environments and tools as well as application deployment and maintenance.

Skills Contributions

- DTAN
- HCEV
- INCA

- PROG
- RELM
- SCTY

Origin

based on blocks 2-4 of the Open University Module TT284: Web Technologies