COURSE DETAIL

COMPUTING TECHNOLOGIES FOR THE WEB
Country Spain
Host Institution Carlos III University of Madrid
Program(s) Carlos III University of Madrid
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 106
UCEAP Course Suffix E
UCEAP Official Title COMPUTING TECHNOLOGIES FOR THE WEB
UCEAP Transcript Title COMP TECH WEB
UCEAP Quarter Units 5.00
UCEAP Semester Units

3.30

Course Description
This course discusses the development of distributed components, web programming, web design patterns, techniques for implementing asynchronous communication between servers, MVC architectures, and persistence engines. Contents are divided into the following three blocks: overview of the JEE specification, including the representative APIs of business applications based on this technology (JSP, Servlet, EJBs, JMS, JAX-RS, etc.); persistence of data in relational and non-relational bases; microservices, API management and quality control. Students are expected to have completed coursework in programming and object oriented programming (Java).

Language(s) of Instruction
English

Host Institution Course Number
15756

Host Institution Course Title
TECNOLOGÍAS INFORMÁTICAS PARA LA WEB

Host Institution Course Details

Host Institution Campus
Escuela Politécnica Superior. (Leganés

Host Institution Faculty

Host Institution Degree

Host Institution Department
Informática

Course Last Reviewed

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