

COURSE DETAIL

COMPUTER NETWORKS

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

107

UCEAP Course Suffix

E

UCEAP Official Title

COMPUTER NETWORKS

UCEAP Transcript Title

COMPUTER NETWORKS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course on network communication presents basic Internet technologies used to enable communication between computers. It discusses the layer model use in the design and analysis of communication systems, as well as the layer mode of the Internet, point-to-point and shared medium technologies, link layer addressing, frame format, and the behavior of switches, hubs and bridges. The course also covers IP layer, including the packet format and IP addressing, IP network design, routing protocols, the services offered by traditional transport layers and the mechanisms used to provide those services. Students are expected to have completed coursework on object oriented programming.

Language(s) of Instruction

English

Host Institution Course Number

13884

Host Institution Course Title

REDES DE ORDENADORES

Host Institution Campus

Escuela Politécnica Superior. (Leganés)

Host Institution Faculty

Host Institution Degree

Host Institution Department

Ingeniería Telemática

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