

# 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 Course Details**

### **Host Institution Campus**

Escuela Politécnica Superior. (Leganés)

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Ingeniería Telemática

### **Course Last Reviewed**

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