COURSE DETAIL

COMPUTER NETWORKS I
Country Sweden
Host Institution Uppsala University
Program(s) Uppsala University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 113
UCEAP Course Suffix
UCEAP Official Title COMPUTER NETWORKS I
UCEAP Transcript Title COMPUTER NETWORK I
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course focuses on the way that data is transferred between computers. Data network performance and other characteristics are also part of the course. The course is divided into a theoretical and a practical part. The theoretical part consists of introduction to Internetworking, communicating applications, data transport, core Internet protocols (TCP, UDP, IP, ICMP), introduction to routing and forwarding, Ethernet and other physical technologies, common tools for network debugging, and introduction to data security. The practical part consists of exploring the network, data transport in practice, and setting up a small network.

Language(s) of Instruction
English

Host Institution Course Number
1DT052

Host Institution Course Title
COMPUTER NETWORKS I

Host Institution Course Details

Host Institution Campus
Faculty of Science and Technology

Host Institution Faculty

Host Institution Degree

Host Institution Department
Information Technology

Course Last Reviewed

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