

# Networks



Component  
Institut  
universitaire de  
technologie (IUT  
1)

- > **Teaching language(s):** French
- > **Open to exchange students:** Yes

## Presentation

### Description

Design and evolve a communication network

To be able: To design the architecture of a local network based on Ethernet and IP, To define and solve the topological constraints of such a network.

Program :

- Networked systems architecture
- Basic concepts
- Normalization
- Local Networks IEEE 802.3 standard
- Static and dynamic VLANS
- Protocol TCP / IP stack
- Routing
- Services associated with IP: DNS

Keywords :

Networks - Local Area Networks - Linux TCP / IP Administration - (TCP / IP administration with Linux)

## Useful info



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## Place

› Grenoble

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## Campus

› Grenoble - University campus