

# Advanced computer networks



Component  
Institut  
universitaire de  
technologie (IUT  
1)

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

## Presentation

### Description

Be able to: Install and configure IPv4 and IPv6 routing devices.

Program :

- Dynamic Routing: Distance Vector Algorithm
- Dynamic routing: Algorithm has link state
- Access control lists on routers
- IPv6 networks
- Addressing
- Multicast level 2 and 3
- Associated technologies (ICMPv6 / Router Advertisement / DHCPv6 ...)
- Interconnection with IPv4 networks: 6to4 / 6rd / Tunnels
- Introduction to VOIP
- Virtualization

Keywords: Dynamic Routing, ACL, RIP, OSPF, IPv6, Multicast, VOIP, Virtualization

## Useful info



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## Place

› Grenoble

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## Campus

› Grenoble - University campus