



**7. Topics and approximate lecture hours:**

- Fairness and rate sharing in networks (2 lectures)
- Traffic control mechanisms in networks (4 lectures)
- Group activity on the TCP protocol (2 lectures)
- DiffServ and IntServ architectures (3 lectures)
- Quality of service vs quality of experience (1 lecture)
- Activity on analyzing traffic properties in access and backbone networks (2 lectures)
- Traffic models (2 lectures)
- Multimedia transport protocols (2 lectures)
- Quality of service mechanisms in wireless local networks (5 lectures)
- End-to-end quality of service (1 lecture)
- Quality of service monitoring (1 lecture)
- Group activity on deploying quality of service (2 lectures)