

## Pensum teknik 3 semester (3B) – Efterår 2023

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Book:

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**Computer Networking, A Top-Down Approach, 8th edition, James F. Kurose & Keith W. Ross**

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Pages:

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31-64	Intro to subjects, Internet, Network Edge, Network Core
84-88	Intro to subject, Networks under Attack
125-138	The Web and HTTP
152-173	DNS and P2P
184-189	UDP socket programming
211-230	Introduction to Transport layer, Multiplexing and Demultiplexing, Connectionless Transport: UDP
257-285	Connection-Oriented Transport TCP
333-339	Overview of Network Layer
360-383	The internet protocol (IP): IPV4, Addressing, IPV6
637-664	What is network security?, Principles of Cryptography, Message Integrity and Digital Signatures
669-688	Securing Email, Securing TCP Connections, IPsec and VPN

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### Links etc.

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Note on REST	all	<a href="https://pele-easj.dk/2020e-tek/materiale/NetHttpNote.pdf">https://pele-easj.dk/2020e-tek/materiale/NetHttpNote.pdf</a>
Restful document	page 6-17	<a href="http://cs.oswego.edu/~alex/teaching/csc435/RESTful.pdf">http://cs.oswego.edu/~alex/teaching/csc435/RESTful.pdf</a>
Note on CORS	all	<a href="https://docs.google.com/document/d/e/2PACX-1vTmoUEdN_OJu0KiTU36NQpIIXOkwrn0_iH3h2IHEvcu5Z56bRUbIOCT1vpMOCEyUYzpMyfdw2AOxRk/pub">https://docs.google.com/document/d/e/2PACX-1vTmoUEdN_OJu0KiTU36NQpIIXOkwrn0_iH3h2IHEvcu5Z56bRUbIOCT1vpMOCEyUYzpMyfdw2AOxRk/pub</a>
Authoritative guide to CORS	all	<a href="https://www.moesif.com/blog/technical/cors/Authoritative-Guide-to-CORS-Cross-Origin-Resource-Sharing-for-REST-APIs/">https://www.moesif.com/blog/technical/cors/Authoritative-Guide-to-CORS-Cross-Origin-Resource-Sharing-for-REST-APIs/</a>
Scripting in Postman intro	all	<a href="https://learning.postman.com/docs/writing-scripts/intro-to-scripts/">https://learning.postman.com/docs/writing-scripts/intro-to-scripts/</a>
Opgaver stillet i undervisningen	Opgaver	<a href="https://pele-easj.dk/2023e-tek/SEMESTER.htm">https://pele-easj.dk/2023e-tek/SEMESTER.htm</a>
Python		<a href="https://www.w3schools.com/python/">https://www.w3schools.com/python/</a>

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