

Syllabus list 2018-2019

FIRST YEAR (NSA)

PBL - Problem Based Learning and Project Work

Course content and materials published on the Course Pages

IIS - Introduction to Information Security

Goodrich M.T. Tamassia R., *Introduction to Computer Security*, Pearson International Edition (ISBN: 9781292037912)

OFS - Operating and File Systems

Tanenbaum A.S., *Modern Operating Systems: Global Edition*, Pearson Higher Education (ISBN: 9781292061429)

MST - Microsoft Based Technologies

Thomas, O. (2017) *Windows Server 2016 Inside Out*, Microsoft Press (ISBN: 9781509302482)

NIX - UNIX Based Technologies

Rothwell, W (2017) *CompTIA Linux+/LPIC-1 Portable Command Guide: All the commands for the CompTIA LX0-103 & LX0-104 and LPI 101-400 & 102-400 exams in one compact, portable resource 1st Edition*

NET - Network Infrastructure

Odom, W., *CCENT/CCNA ICND1 100-101 Official Cert Guide*, Cisco Press (ISBN: 9781587143854)

NOTE: The ISBN numbers are just as a pointer...New editions and new technologies is published all the time, so you decide what version you want to acquire. We base our lectures on the topic in general rather than a specific version of a specific book.

SECOND YEAR (NIS)

LAW - Security and the Law

Norges Lov 1687-2011; Studentutgave, Straffeloven, Åndsverksloven, Arbeidsmiljøloven, Personopplysningsloven, Helseregisterloven, Sikkerhetsloven, Ekomloven, Fagbokforlaget

RAS - Preventive Security

Refsdal, A., Solhaug, Bjørnar., Stølen, K. *Cyber-Risk Management*, Springer Cham Heidelberg

HIR - Hacking tools, Incident and Response

Enebretson, P. *The Basics of Hacking and Penetration Testing*, Syngress Press

SEC – Practical Security

Santos, O. and Stuppi, J., *CCNA Security 210-260 Official Cert Guide*, Cisco Press

Course content and materials published on the Course Pages

PRG - Programming

McGrath, M., *Python in Easy Steps*, In Easy Steps

SQL - Databases

McGrath, M., *SQL in easy steps*, 3rd edition

COF - Computer Forensics

Luttgens, J., Pepe, M. and Mandia, K. (2014) *Incident Respons & Computer Forensic*, McGraw-Hill/Osborne (ISBN: 978-0071798686)

Due to the rapid changes in the IT industry in general – the syllabus maybe subjected to change.

If you find newer editions of the books – your call.