

Title Network Security Protocols	Code 1010332421010330684
Field Computer Science	Year / Semester 1 / 2
Specialty -	Course core
Hours Lectures: 2 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 6
	Language polish

Lecturer:

dr hab. inż. Janusz Stokłosa
Instytut Automatyki i Inżynierii Informatycznej
tel. +48 61 665 37 57
e-mail: janusz.stoklosa@put.poznan.pl

Faculty:

Faculty of Electrical Engineering
ul. Piotrowo 3A
60-965 Poznań
tel. (061) 665-2539, fax. (061) 665-2548
e-mail: office_deef@put.poznan.pl

Status of the course in the study program:

-Obligatory course at the Faculty of Electrical Engineering, field of study Computer Science

Assumptions and objectives of the course:

- Presentation of cryptographic protocols used on the Internet.

Contents of the course (course description):

1. Standardisation - ISO/IEC, IETF, IANA
2. TLS
3. IPsec (ESP, AH, ISAKMP, IKE)
4. PKIX (Profiles, LDAP and OSCP protocols, verification of certificate status, certification policy)
5. PKCS (cryptographic libraries, PKCS #11 - Cryptoki)
6. Time stamping
7. Radio access to the Internet (GSM, UMTS) - cryptographic protocols

Introductory courses and the required pre-knowledge:

- Computer networks, data security

Courses form and teaching methods:

- Lecture, laboratory.

Form and terms of complete the course - requirements and assessment methods:

-Written or/and oral examination based on lecture, laboratory participation.

Basic Bibliography:

-

Additional Bibliography:

-