Lesson 1 – 29/1 2019
Introduction to Ethical Hacking + System Fundamentals + Cryptography + Footprinting

Reading material for lesson 1:

Certified Ethical Hacker 9: Chapter 1 + 2 + 3 + 4

Chapter 2 and 3 are to be read cursorily as the content here is known beforehand.

Subjects:

- Introduction to Ethical Hacking
    - The evolution of hacking
    - What is an ethical hacker
- System fundamentals
    - Network topologies
    - TCP/IP
    - MAC
    - IP & IDS
    - Operating systems
    - Backup
- Cryptography
    - Applications of cryptography
    - Symmetric and asymmetric cryptography
    - Working with hashing
    - Purposes of keys
    - Types of algorithms
    - Key management issues
- Footprinting
    - IP address ranges
    - Namespaces
    - Employee information
    - Phone numbers
    - Facility information
    - Job information

Peter Justesen

Lesson1.docx