

# Social Engineering

Course introduction

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## Motto (sort of)

- YOU ONLY HAVE TO ASK

Activate the wealth corner of any crowded room by standing in it with a large kitchen knife and a sign that reads GIVE ME ALL YOUR MONEY.

Master Eu Plon Ka,  
in “The Little Book of Wrong Shui”

# Point?

- Valdo asked me to do it... :) Seriously though:
  - Social engineering is a rising trend and a major component in many of today's cyberattacks
  - Learning about some SE mechanisms and techniques is useful for most types of cyber security career paths
  - Playful emulation of some SE situations might be fun :)

# In short

- A short half-term course (Sep-Oct)
- Course code 11909
- 8 lectures, 4 seminars
- Lectures by me, seminars by you (in groups)
- Pass/fail assessment
- The first run (you are the guinea pigs :P)

# Outline

- The main structure of lectures follows the chapters of 'Social Engineering: The Art of Human Hacking' by Christopher Hadnagy:
  - gathering info
  - elicitation
  - pretexting
  - psychology
  - influence/persuasion
  - tools
  - cases and examples
  - prevention/counters

# Needed to pass: groupwork

- 4 seminars => 4 groups (organize yourself)
- Member lists needed by Week 3
- Each group will have ~90 minutes to fill with anything course-related: short lectures, roleplaying exercises, analytical tasks, quizzes etc. Bringing guests is an option (inform me beforehand though – and s/he should not do all the work for you)
- Rough outlines needed by Week 4 (to avoid accidental duplicating), consulting with other groups to divide topics is OK

# Needed to pass: course paper

- Similar to the SPEAIT papers from the previous year:
  - 5-10 pages
  - Proper presentation/references/language
  - Topics freely chosen from within the course limits

# Needed to pass: attendance

- At least 3 out of 4 seminars should be attended (exceptions are possible but need to be agreed in advance)
- The point: no one wants to waste a lot of work on just a couple of guys in the audience...
- Plus, you might learn something cool :)



# Ideas/recommendations?

- As mentioned before, this is the pilot version of the course
- The general framework and materials of the course are set (the university needs the formal programme etc), specific subtopics and smaller things can be adjusted to suit the audience – e.g. more case studies, psychology, specific techniques etc
- Let me know!

# End of Intro

- On to the actual content...