



Welcome to ITB, soon to  
be TUD HackerSoc



# The Team



Dean  
President



Alan  
Secretary



Victor  
SysAdmin



Paddy  
Mature &  
Part Time



Luke  
Accounts

# What is the Soc?

A group of like minded people with an interest in Hacking and Computer Security. It's a place where we can all share idea's and learn from each others

## Meetspacing

- D Block for D&D, Magic, Gaming and chat
- The Greatwood Witherspoons, Blanchardstown
- Conferences, CTF's and occasional trips

# Social Media

Twitter and Instagram;

–@hackersoc

Facebook;

–<https://www.facebook.com/thehackersoc/>

Discord;

–[discord.gg/fT8nftZ](https://discord.gg/fT8nftZ)

Website and Forum;

–[wwwhackersoc.com](http://wwwhackersoc.com)

# Sponsors

ZERO DAYS SECURITY



<https://www.zerodays.ie>

CAPTURE TRAVEL



<https://www.capturetravel.ie>

PRACTICAL PENTEST LABS



**PRACTICAL** PENTEST LABS

<https://practicalpentestlabs.com>

# Rules

# College Rules

- No Hacking on the College Network
- No distrobution of Malware on the College Network
- Do not attack Lecturers, other staff or studetns
- No Doxxing
- Follow ALL Irish Laws
  - ESPECIALLY the Criminal Justice (Offences Relating to Information Systems) Act 2017
- Any crimes committed in the college will be refered to the Guards



# Our own Ethics Rules

- Do not keep or seek private and/or confidential information
- Do not disclose intellectual property
- Disclose any and all vulns you find
- Never knowingly use software or process that is obtained or retained either illegally or unethically.
- Not to purposefully compromise or allow the college's systems to be compromised
- Ensure all penetration testing activities are authorized and within legal limits.
- Not to take part in any Black OR Grey Hat activity or be associated with any black hat community

# One Strike Policy

Inability to follow these  
rules will result in a ban  
and may result in  
Expulsion from college  
and a criminal conviction

# White Hat's

This is what we are! No Exceptions!

We do nothing maliciously, we  
abide by all laws and ethics  
standards

# Grey Hat's

- They may not act maliciously, but they do break laws, and cross ethical lines
- This includes hacktivism and vigiliantism

# Black Hats

Malicious actors who do break laws  
and constantly cross ethical lines

# The Plan for the Year

- We'll have 2 meetings per week;
  - One day will be teaching essential skills and methodologies to participate in CTF's and prep for third year
  - The other day will be talks and Practicals on things like Lockpicking, Privacy, Security or using Tools
  - And if YOU have a talk idea, we'd love you to give it
- 2x CTF's, one per semester, with prizes this year!
- Movie/Talks Evenings if we can get rooms and people
- Hoodies and stickers, if people are interested

# CTF – Capture the Flag

Two kinds

- Jeopardy
- Attack/Defence

Basically a game based in InfoSec

- Touches on a lot of area's
- Only basic skills required that we'll help build
- Meant to be a lot of fun! And they are!

# CTF Resources

<https://ctftime.org/>

<https://kitctf.de/learning/getting-started>

<https://picoctf.com/resources>

<https://trailofbits.github.io/ctf>



Questions?

# Kali

An awesome Linux distro for Pen Testing and Digital Forensics

- All the tools we'll be using are there and more if you want to dig into them
- You can add to the tools if you have ones you like

There are other distro's (Parrot, BlackBox), but this is what we're teaching and you'll be using later in your college years

# Easy Install Mode

- Virtual Machine install to protect yourself
  - VirtualBox + ova Appliance for the easiest install
- If you want to do your own install, get an iso and do your thing
- There is a Windows “install”...
  - It’s absolutely NOT recommended!
  - It’s more complex to install, setup and use than this method.
  - It’s also less secure too
  - It can break your Windows install
  - If anything happens, none of us can help you

# Installing Kali

- VirtualBox
  - VBox extensions for USB, not needed but useful for when we handle WiFi Hacking
- Download a Kali VBox ova or take a USB key being handed out
- Import the Appliance in the File Menu
- In settings,
  - Set RAM is at 1024MB or 2048MB if you have 8GB or more
  - CPU is set to 1 core and
  - Network is set to Internal. If we need network access, we'll let you know.
- If you want to break stuff with the disto, make a snapshot first