

Web Resources:

A MIT lecture series that outlines the skills required to build hacking tools:

<https://hacker-tools.github.io/>

A learning path for baseline security knowledge:

<https://pentesterlab.com/bootcamp>

A "wargame" for learning Linux command line:

<https://overthewire.org/wargames/bandit/>

Free books on almost every technology subject:

<https://github.com/EbookFoundation/free-programming-books/blob/master/free-programming-books.md#networking>

Topics to Search:

- Scanning networks
- Enumeration
- Vulnerability analysis
- System hacking
- Sniffing
- Buffer overflow
- Social engineering
- Denial of service
 - attacks
- Session hijacking
- Hacking web servers
- Hacking web applications
- SQL Injections
- Hacking wireless networks
- Hacking mobile platforms
- Evading IDS, Firewalls, Honeypots
- Penetration testing
- XSS or Cross site scripting

Supplies:

Raspberry Pi Kit:

<https://www.canakit.com/raspberry-pi-3-starter-kit.html>

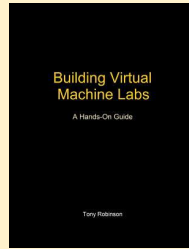
Kali Linux Operating System:

<https://www.offensive-security.com/kali-linux-arm-images/>

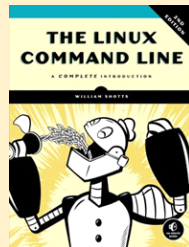
Wireless Adapter:

ALFA AWUS036H

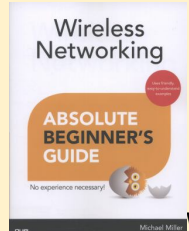
Library Books:



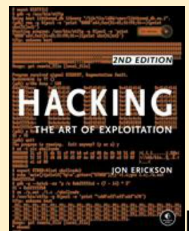
Building Virtual Machine Labs



The Linux Command Line



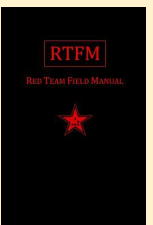
Wireless Networking



Hacking: The art of exploitation



Blue + Red Team Field Manual



Code: the hidden language of computer hardware and software