























## Attachment 1. Detailed syllabus

The course will have a series of modules with each module discussing one or more topics. Each topic will involve a hands-on exercise involving the attendees where you will gain real-world experience with the tools and techniques discussed.

Module and Topic	Description
<b>Operational Security – Introduction</b>	
OPSEC Practices	An overview of operational security processes and measurements
<b>Internet Fundamentals</b>	
Internet fundamentals (DNS, SMTP, TCP/IP)	An overview of the building blocks of the Internet, description of how IP Addresses, DNS and SMTP work at a basic level
<b>Operation Security – Remaining Undetected</b>	
Methods for Masking your IP address	<a href="#">Details of the various methods that can be used to mask your IP address including TOR, VPNs' and Jump hosts</a>
Virtualisation as a tool to avoid being compromised	<a href="#">Walk through the virtual machine environment which will be provided to each attendee and explanation of how the technology works</a>
<b>Open Source Intelligence Gathering</b>	
OSINT/SOCMINT information sources	Details of the open-source and social media sources that can be used to build a profile on an individual.
<a href="#">Using search engines like a pro</a>	<a href="#">Using search engines to find exactly what you are looking for by becoming a google power user. Using Google to find exactly what you are looking for by becoming a Google power user.</a>
Tools and techniques used for information gathering	A run through the tools (open-source and commercial) used for information gathering and analysis.
Image metadata analysis	Details on how to extract meta-data from images including GPS coordinates and device information (e.g. mobile phone/camera model)
Chat channels and forums	How to connect to and monitor chat rooms and forums (both on the internet and the Deep Web).
<b>Maintaining multiple identities</b>	
Detecting fake profiles	Techniques used to identify fake profiles.
Cross-posting and profile management	How to maintain multiple identities across various social networks.
Profile backstopping	Techniques for creating a backstop (history) for your online personas.
Anonymous cell phone numbers and email addresses	Systems and processes for receiving anonymous messages (SMS and Email).
Payment for purchasing services	How to pay for various services while maintaining anonymity
<b>Workshop</b>	
<a href="#">Creating a Dossier</a>	<a href="#">During this workshop the attendees will use the skills gained during the course to create a detailed dossier on a particular individual</a>

