

SHORT COURSE



# CAPTURE THE FLAG

(40 HOURS)

**SKILL LEVEL:** Intermediate, Advanced

**PREREQUISITES:** Cybersecurity Domain Knowledge; some pentesting experience; certs optional - CompTIA Pentest+, Certified Ethical Hacking

**OVERVIEW:** Attack-oriented CTF competitions try to distill the essence of many aspects of professional computer security work into a single short exercise that is objectively measurable.

The focus areas that CTF competitions tend to measure are vulnerability discovery (auditing source, binaries, webapps), exploit creation (binary & webapp exploits), toolkit creation (creation & preparation), and operational tradecraft.

A modern computer security professional should be an expert in at least one of these areas and ideally in all of them. Success in CTF competitions demands that participants be an expert in at least one and ideally all these areas. Therefore, preparing for and competing in CTF represents a way to efficiently merge discrete disciplines in computer science into a focus on computer security.

## WHAT YOU'LL LEARN:

- ✓ Vulnerability Discovery: Auditing Source, Binaries and Webapps
- ✓ Exploit Creation: Binary and Webapp Exploits
- ✓ Forensics
- ✓ Toolkits: Creation and Preparation
- ✓ Operational Tradecraft

**Note:** Short courses are held **remotely on weekends, Sat-Sun from 9 AM-2 PM CT**. Local DFW residents are welcome to attend remote-live classes at our Addison campus. In the unlikely event we do not meet the minimum class size requirement to activate a cohort, the class may be postponed or you may be requested to move to another course date.

### Backed by Trusted Sources



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