AI Tactical Skills: Drone Hacking & Defense Level 1

Course code: AIDEH

This 5-day intensive course is designed to equip you with essential skills in building, hacking, and defending drones and autonomous vehicles. You'll learn to navigate the latest drone technologies, identify vulnerabilities, and implement security measures to protect against cyber threats. Through hands-on training, you'll work with real-world hardware and software, including drones, Raspberry Pi systems, and cloud-based labs. By the end of the course, you'll be prepared to secure, hack, and defend UAVs and AI-powered robotics in today's evolving cybersecurity landscape.

Affiliate	Duration	Course price	ITB
Praha	5	59 500 Kč	75
Brno	5	59 500 Kč	75
Bratislava	5	2 380 €	75

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
02.02.2026	5	59 500 Kč	Presence	EN	GOPAS Praha
30.03.2026	5	2 380 €	Presence	EN	GOPAS Bratislava

The prices are without VAT.

The AI Tactical Skills: Drone Hacking &Defense course is offered in collaboration with Cyber2 Labs, a global security specialist-led company known for its expertise in tactical training and real-world cybersecurity solutions.

Who is the course for

This course is ideal for those looking to advance in AI robotics, drone security, and cyber defense. It is designed for professionals such as cybersecurity engineers, drone operators, robotic engineers, and digital forensics investigators.

This hands-on course provides foundational skills in drone operations, security vulnerabilities, hacking, and defense, preparing participants to tackle emerging cyber threats in the rapidly evolving drone industry.

- Cyber Security engineers / analysts
- Network and system administrators
- Drone, &Robotic Engineers &Developers
- Drone Operators
- Digital Forensics Investigators
- Penetration Testers
- Cloud computing personnel
- Cloud project managers
- Operations support looking for career advancement

Course outline

- Introduction to drones and their components
- Basic principles of drone operation and control systems
- Drone communication protocols and vulnerabilities
- Wireless network security and drone data protection
- Drone hardware security and hacking techniques
- Identifying and exploiting drone firmware vulnerabilities
- Physical drone security and tamper-proofing

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- Legal and ethical considerations of drone hacking
- Drone hacking case studies and examples
- Best practices for securing drones and protecting against cyberattacks
- Protecting drones from cyber threats using encryption and other technologies
- Drone countermeasures and defense strategies
- Integrating drone security into broader cybersecurity frameworks
- Future trends and developments in drone cybersecurity and hacking
- Drone operating systems and their security risks
- Analyzing drone flight data and telemetry
- Intercepting and decoding drone radio signals
- Authentication and authorization in drone systems
- Securing drone storage and data transfer
- Training drone pilots and operators in cybersecurity best practices
- Ensuring privacy and security in drone-based public services

Note: Optional - bring your own Drone / build one with us

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