

## Sub-Proposal for -Centre-of-Excellence

Respected Sir/Madam,

Founded in 2008, **Mile2®** was born from a mission—to bridge the massive gap in cybersecurity awareness and protect organizations from hacking attacks and threats. With our commitment to innovative training and safeguarding corporates, Mile2® has been working to strengthen cyber security worldwide

India's cybersecurity has seen a transformative change in the last few years and emerged as one of the fastest-growing fields, with universities worldwide launching specialized courses tailored to meet market demand in real-time. Since 2017, **Mile2®** has been partnering with top universities, colleges, and training centers to create employment-ready graduate, undergraduate, and supplementary courses in cyber security and digital forensics, alongside globally recognized certifications tailored to real-world needs across government, public, and private sectors.

### About Mile2®

Headquartered in Tampa, Florida, Mile2® is the world's largest cybersecurity certification provider, operating in 67 countries. Its role-based training covers information security management, penetration testing, digital forensics, incident handling, risk management, ISO auditing, and more. Trusted by leading organizations worldwide, Mile2® delivers practical, industry-relevant training that prepares professionals to defend against today's evolving threats.



#### Canadian Department of National Defence

Our CjISSO - Certified Information Systems Security Officer - course is used by the Canadian Department of National Defense.



#### United States Air Force

The CJPTE - Certified Penetration Testing Engineer - course is used by the the United States Air Force.



#### United States Counterintelligence Agency

Mile2's CJNFE - Certified Network Forensics Examiner



#### Boeing Aerospace

Our CJSWAE - Certified Secure Web Application Engineer - course is used by Boeing Aerospace.

ALL OF MILE2 CERTIFICATIONS ARE ACCREDITED BY NICCS AND THE NSA  
CNSS 4011-4016, ARE ROLE-BASED,  
AND OFFERED IN SEVERAL DIFFERENT CAREER PATH AREAS

## Accreditations



### OUR METHODOLOGY

All our courses are crafted by top experts in the field and deliver real-world, role-based cybersecurity training built around the needs of government, public, and private sectors. A global trusted partner Mile2® leads by example in the cyber security certification sector and is chosen by top organizations for customized INFOSEC programs. All certifications are NICCS and NSA CNSS 4011-4016 accredited, aligning with multiple career paths.

### Why Train with Mile2®

- Proactive Protection—Learn to stop cyber threats before they strike.
- Global Credibility—Trusted by governments & corporations across 67+ countries.
- Future-Proof Skills – Master real-world, role-based cyber defense strategies.
- Career Power-Up – Graduate with a degree, multiple certifications, and hands-on expertise for a high-income, high-demand career.
- Go the Extra Mile 2—Stand out as the cyber defender organizations want on their team.

## OUR ACADEMIC PARTNER PROGRAM OFFERS

### CURRICULUM & DEGREE SUPPORT PROGRAM



30+ ACCREDITED CERTIFICATIONS



HANDS-ON LABS VIA MILE2'S CYBER RANGE



USER FRIENDLY LEARNING MANAGEMENT SYSTEM



FLEXIBLE PROGRAM INTEGRATION

Mile2 is a leader in the implementation of our cybersecurity certification curriculum in regionally accredited universities, colleges, and global education institutions. We provide accredited curriculum towards associate, baccalaureate, and graduate degree programs. Our fully integrated LMS provides a turnkey solution for access to learning materials, student assessment, labs, and exams.

## WHY ACADEMIC CURRICULUM?



### Comprehensive Learning

#### Material Packages

Each course includes access to online videos, ebook, lab guide, lab access, exam prep, practice exam, and exam.\*



### Flexible Learning Options

Use some, or all of the materials available in each course. The instructor can decide which portions to include.



### Instructor Support

Our learning management system includes access to reports on student activity, exam grades, group progress, and can be used to assign additional work.



### Global Leaders

We have been developing curriculum for accredited certifications used by educational institutions and governments for 20 years.



### Flexible Video Learning

Each chapter includes an instructor guided video. These videos can be used in the class or assigned independently.



### University Branded Page

Mile2 will build a university branded page on our website from which the students can select their curriculum.

## THE STUDENT EXPERIENCE



### Workforce Ready

Students will have the opportunity to enter a high-income, high-demand field armed with a degree, several industry recognized certifications and hands-on experience.



### Mile2 Support

Students can reach Mile2 via phone, chat, or email. All technical questions the students may have can be referred to Mile2 staff.



### Strong Career Prospects

All Mile2 curriculum is mapped to specific role-based career paths designed to give students the best tools possible for lucrative careers in a variety of INFOSEC careers.



### Practice & Certification Exams

Each Mile2 exam, if passed with an 80% or above score, includes and accredited certification. Practice exams are provided to prepare for the certification exam.



### 2nd Chance Exam

By default every student receives two opportunities to pass the certification exam. This option is available for up to 12 months from the time they enroll in the course.



### Cyber Warfare

Students will have the opportunity to attack and defend in simulated scenarios designed to emulate real-world situations.

## OUR MISSION: EMPOWERING CYBER GUARDIANS WORLDWIDE

Every Cybersecurity Center of Excellence (CCoE), powered by Mile2® - The aim is common – To be more than just a training facility – provide a global hub for innovation, research, and real-world skill development to build a workforce that stays ahead of cyber threats.

Each CCoE acts as a dynamic hub for research, education and community engagement and unites academia, industry leaders, and government agencies to tackle today's urgent cyber threats and be prepared for emerging cybersecurity challenges.

Mile2® is committed to create a secure, resilient and future-ready digital ecosystem across the world.

## OUR FOCUS

- **Innovate** – Drive applied research in partnership with industry and government, sharing insights that shape global cybersecurity practices.
- **Educate** – Deliver degree programs, Mile2® certifications, and immersive training that prepare learners for real-world cyber challenges.
- **Empower Careers** – Align programs with market demand, offering internships, placements, and industry connections for a high-growth future.

## MILE2® CENTRE OF EXCELLENCE (COE) MODEL

### EMPOWERING INSTITUTIONS. SHAPING CYBER DEFENDERS.

The Mile2® Centre of Excellence (CoE) is a collaborative initiative designed to bring world-class cybersecurity training, certifications, and career opportunities directly to universities and colleges. Through strategic partnerships, Mile2® empowers academic institutions to become hubs of cyber innovation and skill development.

## KEY PARTNERSHIP HIGHLIGHTS

### 1. Exclusive Association

- Direct collaboration between the college/university and Mile2®.
- The official certificate of association signed by the president of Mile2®.
- Prominent Mile2® signage provided to enhance institutional branding.



## 2. Professional Management

- Our Authorized Training Centre (ATC) manages and executes CoE operations.
- University support in community outreach and government engagement for security awareness programs and cybersecurity projects.

## 3. STATE-OF-THE-ART TRAINING

- Technical workshops to guide students in selecting the right career path and mastering in-demand skills.
- The Mile2® curriculum is delivered through hands-on labs, simulations, and practical learning modules.
- Students from other institutions are invited for training and certification, with an exclusive 20 km CoE radius guarantee for partner universities.

## 4. STUDENT ADVANTAGES

- Special discounted pricing for all Mile2® courses.
- Access is granted with a valid college or university ID.
- Internationally recognized Mile2® certification, valid in 67 countries.
- Placement program collaboration to connect graduates with top employers.
- Certification awarded to students scoring 70%+ in Mile2® exams (with mock tests included).
- Two exam attempts are available within 12 months of enrollment.

With the Mile2® CoE, your institution becomes a cybersecurity powerhouse—equipping students with the knowledge, credentials, and experience to succeed in one of the fastest-growing, highest-paying career fields in the world.

## **CYBERSECURITY LAB SETUP IN THE UNIVERSITY CAMPUS**

- Mile2 Asia will set up one cybersecurity lab in the university, equipped with all authorized tools.
- The university/college must provide a lab with systems having Intel i7 9th generation or above and 16 / 32 GB RAM.
- The university/college must provide a minimum 100 Mbps dedicated internet connection for the cyber lab.
- The cost of authorized tools is shared in a separate sheet

## **CYBER SECURITY SERVICES FOR COE**

The Mile2 Asia partnership provides the universities unlimited opportunities in the upcoming field of Cyber Security Services. Mile2 Asia provides services such as VAPT (Vulnerability Assessment and Penetration Testing), Secure Code Review, Security Policy Implementation, ISO Implementation and Audits, CERT-In Audits, and more along with live project training to enable all candidate to be cyber-future ready.

## **MILE2® IA ACCREDITATION PROCESS**

- The university/college must sign a tri-party agreement with the Mile2® distributor and ATC partner.
  - The university will handle student admissions.
  - The ATC partner and Mile2® distributor will manage course delivery, exam processes, semester-wise assignments, projects, Mile2® certifications, internships, and placement support.
  - Mile2® will assist the University in developing a degree program or integrating Mile2® content into an existing degree program.
  - The university's name will be featured on the Mile2® distributor's official website.
  - The University will receive a Centre of Excellence (CoE) Certificate, signed by the President of Mile2®.
- MILE2 IA FINANCIAL MODEL**

## **KIT INCLUSIONS**

1. One - Year online Course Access
2. Learning Videos
3. Lab Guide
4. Exam Prep Guide
5. Practice Quiz
6. Certification Exam
7. Two Exam Pass Attempts

## **TERMS & CONDITIONS**

- We will negotiate the kit price when the ATC purchases in bulk (minimum 40 kits).
- We will reduce the trainer cost if the number of students exceeds 40.
- This is the proposed price list for 2025; the final price list will be released shortly.

The above - mentioned prices are exclusive of GST; an additional 18% GST will be applicable.

## **MILE2® CYBERSECURITY CERTIFICATIONS OVERVIEW**

- **Certified Professional Ethical Hacker (CPEH)**
  - Global Recognition: Aligned to CNSS and NICCS standards, making it a trusted certification across both public and private sectors.
  - Robust Curriculum: 16 - module structure covering Linux fundamentals, cryptography, wireless hacking, cover-up techniques, and more.
  - Hands-on Mastery: 14 practical labs that bridge theoretical concepts with real-world hacking scenarios.
  - Real-World Skills: Learn server exploitation, passive reconnaissance, and use of security tools deployed in live environments.
  - Flexible Learning Options: Available as instructor-led, live-virtual, or self-paced learning.
  - Career Advancement: Establishes a strong base for Red Teaming, penetration testing, and other offensive roles.
  - Continual Growth: Easy recertification through CEUs and updated exams every three years.



## **MILE2® CYBERSECURITY CERTIFICATIONS OVERVIEW**

- **Certified Penetration Testing Engineer (CPTE)**

- Advanced Offensive Skillset: Deepens CPEH knowledge with expertise in reconnaissance, evasion, PowerShell attacks, and IoT/mobile hacking.
- Hands-On Simulations: Labs focused on AV bypass, sniffing, web/mobile vulnerabilities, and reporting breaches.
- Career-Focused Design: Ideal for Red Teaming and offensive security professionals.
- Industry Accreditation: Compliant with CNSS, NICCS, and ANSI ANAB (ISO/IEC 17024:2012) standards.
- Professional Reporting: Emphasis on structured methodologies and formal documentation techniques.

- **Certified Digital Forensics Examiner (CDFE)**

- Forensically Sound Training: Master the complete forensic lifecycle from acquisition to courtroom-admissible reporting.
- Comprehensive Curriculum: 19 modules including Windows/Linux/macOS/mobile forensics, eDiscovery, and legal compliance.
- 14 Hands-On Labs: Practice disk imaging, memory capture, log analysis, and evidence recovery.
- Legal & Procedural Rigor: Learn chain-of-custody, ISO 27043, SWGDE/IOCE, and lab SOPs.
- Ideal for Starters: Requires only basic IT knowledge-suitable for students and transitioning professionals.

- **Certified Threat Intelligence Analyst (CTIA)**

- Offensive-to-Defensive Bridge: Combines Red Team insights with Blue Team intelligence workflows.
- Actionable Intelligence Development: Use tools and feeds to track adversaries, prioritize threats, and create detection rules.
- Modern Methodologies: Leverages MITRE ATT&CK, Kill Chain, and Diamond Model frameworks.
- Practical Labs: Includes threat analysis (e.g., Stuxnet, WannaCry), YARA rule development, and SIEM integration.
- Focused Curriculum: Six modules tailored for SOC analysts and threat hunters.



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- **Certified AI Cybersecurity Officer (CAICSO)**

- AI + Cyber Fusion: Blend of AI/ML principles with robust cybersecurity strategies.
- Cutting-Edge Curriculum: Covers adversarial attacks, prompt injection, model governance, federated learning, and LLM risks.
- Hands-On Labs: 12 practical labs simulating real-world threats like data poisoning and model evasion.
- Ethics & Compliance: Emphasizes GDPR, AI Act, fairness metrics, and bias mitigation.
- Secure AI Deployment: Learn secure pipelines, SOAR playbooks, and threat modeling for AI systems.

- **Certified Cloud Security Officer (CCSO)**

- Enterprise Cloud Security: Learn to design, govern, and secure Cloud environments using risk-based methodologies.
- Real-World Practice: 23+ labs in the Cyber Range® with Azure-centric exercises.
- Comprehensive Topics: Covers risk management, governance, cloud law, SDLC, data protection, and cloud-specific IAM.
- Global Relevance: Aligned with ENISA, Cloud Controls Matrix (CCM), and international compliance standards.
- Cloud-Ready Workforce: Prepares learners to manage hybrid and multi-cloud security operations confidently.

- **Certified Secure Web Application Engineer (CSWAE)**

- Web Application Defense: Learn to prevent, detect, and recover from web-based attacks like SQLi, XSS, and CSRF.
- Full SDLC Security: Embed best practices into the software development life cycle.
- Offensive & Defensive Balance: Perform web app pen testing and apply secure coding principles.
- Exam-Ready: Prepares students for C|SWAE with a focus on secure web deployment and recovery protocols.



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## WHY CHOOSE MILE2?

- Government-Grade Accreditation: CNSS, NICCS, ANSI ANAB, ENISA standards ensure global acceptance and credibility.
- Lab-Driven Mastery: Over 90 practical labs using Cyber Range® and Ghost Pentesting Platform®.
- Clear Career Pathways: Role-based specialization paths-from entry-level to advanced AI cybersecurity.
- Flexible Learning Modes: Adaptable to your schedule and learning preference-online, offline, hybrid.
- Boost Career Value: Average salary increase of up to 20% upon certification completion.

Thanks & Regards