

UNIVERSITY OF NICOSIA
EUROPEAN SECURITY AND DEFENCE COLLEGE
INVITATION TO THE “BLOCKCHAIN AND SMART CONTRACTS”

(Activity Number: 22-23/PILOT/12)

Athens, 15 – 17 May 2023

Cyprus has the honour to organize, within the European Security and Defence College (ESDC), a course dedicated to blockchains and smart contracts. This course is organized by the Department of Computer Science, University of Nicosia at the American College of Greece “Deree”, Athens, Greece, from 15 - 17 May 2023.

This course is intended to strengthen the establishment of the Cyber Education Training Exercise and Evaluation (ETEE) platform of the ESDC and widen the scope of its activities by addressing how innovative concepts can be used in everyday life.

This course therefore aims to provide a forum for the exchange of knowledge and best practices among cybersecurity and information technology professionals by improving their knowledge, skills, and competencies via lab exercises.

The main learning outcomes are twofold. The first outcome is to provide a deep understanding of the primary blockchain technology concepts (distributed ledger, architectures, proof of work, consensus, mining, etc.) and the underlying cryptographic technologies that are utilized. The second outcome is to provide knowledge on the smart contract technology and their role in decentralized applications. In order to practically demonstrate the above topics, the Ethereum system will be used as the example blockchain technology along with Solidity programming language that allows the development of smart contracts.

The course will be held in English and can accommodate a maximum of 30 participants. The attendance must be physical because of the lab exercises, to support networking and the exchange of best practices among the participants. The **deadline** for applications is on **26 April 2023**.

This training course is open to military personnel and mid to senior civil servants from EU Member States and EU institutions and agencies who are currently employed in positions in which

they are required to deal with innovative concepts or employees who are willing to discuss and update their knowledge on these issues.

The training will consist of an e-learning preparatory phase as well as a residential course in Athens which will be held from 15 - 17 May. Both parts of the course are mandatory.

Therefore, it is with great pleasure that we invite you to this “Blockchain and Smart Contracts” course.



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