



Interdisciplinary Cyber Training

web site: <https://www.incyproject.eu/>

Newsletter No 3

The rising number of cyber-attacks to personal and organization have bad consequences for all aspects of work and life requiring defensive measures and a workforce having expertise and skills to be cyber-ready against the potential threats. It is expected that education and training enhance learners' competence in dealing with such complex issues professionally as well as interdisciplinary, but the question is how to realize it in short time. Small and medium-sized companies (SMEs) with limited resources need help in order to assure that their employees are prepared to avoid cyber attacks and employers to take the necessary measures.

Within the two-year Erasmus+ project InCyT, a cyber-security competence framework that vocational training and companies can use to improve competencies and skills of employees and employers in order to avoid cyber-attacks, a digitally supported interdisciplinary training program supporting inclusion and development of critical thinking for small and medium sized companies (SMEs) employees and employers have been developed. An adapted version for vocational training and a European transferability model will be also developed.

The project is coordinated by IAT/Westfälische Hochschule Gelsenkirchen, Germany and has as partners Paydas Egitim Kultur VE Sanat Dernegi, Zonguldak, Turkey, SC IPA SA CIFATT Craiova, Romania, European Training Centre Copenhagen, Copenhagen, Denmark, MAG – UNINETTUNO S.R.L., Rome, Italy, Politechnika Rzeszowska (PRz), Rzeszów, Poland and Fachhochschule St. Pölten, Pölten, Austria.

The InCyT training program is structured across two modules, one for Managers, one for Employees, where each module consists of a number of units and topics. The program is free and will be delivered by using an interactive digital platform, streaming Webinars, Quizzes, self-assessment exercises and ones those answers will be put on discuss forums, electronic portfolios. The exercises should contribute to the development of critical thinking. Each week the mentor should hold a short briefing of learners of what is required from them for that week.

Skills & Competencies InCyT Mapping Table			
Technical Skills TS	Soft Skills SS	Implementation Skills IS	Management Skills MS
<ol style="list-style-type: none"> <li>1. Fundamentals of digital security concepts and evolving threats</li> <li>2. Cryptology knowledge</li> <li>3. Network security.</li> <li>4. Penetration testing</li> <li>5. Intrusion detection</li> </ol>	<ol style="list-style-type: none"> <li>1. Information sharing and communications.</li> <li>2. Situational Awareness.</li> <li>3. Cognitive and behaviour analysis;</li> </ol>	<ol style="list-style-type: none"> <li>1. Threat and vulnerability assessment &amp; management.</li> <li>2. Event and Incident Response.</li> <li>3. Continuity of Operations;</li> </ol>	<ol style="list-style-type: none"> <li>1. Risk management.</li> <li>2. Identity and access management.</li> <li>3. Asset, change and configuration management.</li> <li>4. Cyber-security program management.</li> <li>5. Evaluation of policies effectiveness;</li> </ol>

The partners of InCyT developed an intensive dissemination work within SMEs and VET organisations from project partner countries and will continue it through presentation at different conferences like the following:



During the conference entitled “Economic and Societal Challenges of the European Economy”, held on 13th - 15th September 2022, at School of Business Administration in Karvina, under the auspice of the Silesian University in Opava, Czech Republic, Dominik Strzalka, PhD. DSc. Eng., Associate Professor, Head of Department of Complex Systems, Faculty of Electrical and Computer Engineering, Rzeszów University of Technology had an appreciated presentation “Risks, Challenges and Opportunities – Cyber-Security in SME’s, Case study about Poland.

<https://www.slucz/opf/cz/evsesceewelcome>

Ileana Hamburg: ITHET 20th International Conference on Information Technology Based Higher Education and Training:  
<https://www.ithet.net/>



7-9 November 2022, Side, Antalya, Turkey

Gabriel Virtoeanu: Cyber Security tools addressing SMEs companies, Research Institutes for Applied Sciences, University representatives of Craiova municipality, Oltenia region, Romania"

### Cybersecurity Events

Romania:



Regional Conference "Creative Danube" - Cyber-security in cross-border area  
Vidin, Bulgaria, Calafat, Romania, June 30-July 1 2022



Workshop Cyber-security and Funding opportunities through RIS 3 and European Union Programs  
Craiova, Romania, June 27, 2022

Denmark, Austria



The European Cybersecurity Challenge (ECSC) is an annual exercise, coordinated by the European Union Agency for cybersecurity, ENISA. This year's version was organised by Cyber Security Austria, the winning teams were:

1st place: Denmark

2nd place: Germany

3rd place: France

Along with the InCyT project implementation on Cyber Security field, ETCC Denmark offers online training for managers in SMEs and NGOs in the Autumn 2022.