			FIRST WEEK (IN PERSON) July 28 - Augus	t 1				
Day	Time	Lesson	Thematic	Practical Task	Group Task			
2025.07.27		Arrival & Check-in						
2025.07.28	9.00-10.45	Cybersecurity for beginner's: Network security	Spam filtering using machine learning Phishing URL detection Capturing network traffic Network behavior anomaly detection Botnet traffic detection Insider threat detection Detecting DDoS, Wireless indoor localization	Cybersecurity and	Group task assignment (4-5 person)			
2023.07.20	11.00-12.45	Cybersecurity for beginner's: Malware detection	Machine Learning-Based Malware Detection Technical requirements Malware static analysis Malware dynamic analysis Building a static malware detector Tackling class imbalance Handling type I and type II errors	Penetration Testing				
	9.00-10.45	Group Task presentation (10 minutes / group)						
2025.07.29	11.00-12.45	Cybersecurity for beginner's: Social engineering	Twitter spear phishing bot Voice impersonation Speech recognition for OSINT Facial recognition Deepfake Deepfake recognition Lie detection using machine learning Personality analy	Social engineering				
	9.00-10.45	Cybersecurity for beginner's: Penetration testing	CAPTCHA breaker Neural network-assisted fuzzing DeepExploit Web server vulnerability scanner using machine learning (GyoiThon) Deanonymizing Tor using machine learning IoT device type identification using machine learning Keystroke dynamics Malicious URL detector Deep-pwning Deep learning-based system for the automatic detection of software vulnerabilities	Securing and attacking data	Group task assignment (2x10 person)			

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$ \begin{array}{ c c c c } \hline 2025.07.31 \\ \hline 11.00-12.45 \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		11.00-12.45	Cybersecurity for beginner's: Securing and attacking data	Deep learning for password cracking Deep steganography ML-based steganalysis ML attacks on PUFs Encryption using deep learning HIPAA data breaches – data exploration and	Securing and attacking data			
$ \begin{array}{ c c c c } 11.00-12.45 & Cybersecurity in practice How to use Al end end end end end end end end end end$	2025 07 31	09.00-10.45	Cybersecurity in practice	Password cracking, Malware detection				
$\begin{array}{ c c c c c c } \hline 2025.08.01 & \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	2023.07.31	11.00-12.45	Cybersecurity in practice	How to use Al				
10.00-13.00 10.00-13.00	2025.08.01	9.00-10.30	Group Presentation, feedback					
Individual Activities Individual Activities SECOND WEEK (IN PERSON) August 4 - August 8 Day Time Lesson Thematic Practical Task Image: Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan="4">Colspan="4"Colspan		10.00-13.00						
SECOND WEEK (IN PERSON) August 4 - August 8 Day Time Lesson Thematic Practical Task Practical Task 2025.08.04 9.00-10.45 Cybersecurity	2025.08.02		Individual Activities					
DayTimeLessonThematicPractical Task2025.08.049.00-10.45Cybersecurity11.00-12.45Cybersecurity2025.08.059.00-10.45Artificial Intelligence and Machine Learning11.00-12.45Artificial Intelligence and Machine Learning11.00-12.45Artificial Intelligence and Deep Learning2025.08.069.00-10.45Artificial Intelligence and Deep Learning2025.08.069.00-10.45Al and cybersecurity2025.08.069.00-10.45Al and cybersecurity2025.08.079.00-10.45Group Presentation, feedback2025.08.089.00-10.45FKIK (University Research and Innovation Center) iROB Lab visit2025.08.089.00-10.45FKIK (University Research and Innovation Center) iROB Lab visit	2025.08.03		Individual Activities					
2025.08.049.00-10.45Cybersecurity $100-12.45$ Cybersecurity $1100-12.45$ Cybersecurity $1100-12.45$ Cybersecurity $1100-12.45$ Artificial Intelligence and Machine Learning $1100-12.45$ Artificial Intelligence and Deep Learning $1100-12.45$ Artificial Intelligence and Deep Learning $100-12.45$ Al and cybersecurity $100-12.45$ $1100-12.45$ Al and cybersecurity $100-12.45$ $1100-12.45$ Al and cybersecurity $100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $1100-12.45$ $100-12.45$ <th< th=""><th></th><th></th><th colspan="6">SECOND WEEK (IN PERSON) August 4 - August 8</th></th<>			SECOND WEEK (IN PERSON) August 4 - August 8					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Day	Time	Lesson	Thematic	Practical Task			
11.00-12.45 Cybersecurity Image: constraint of the security Image: constraint of the security <td< th=""><th>2025.08.04</th><td>9.00-10.45</td><td>Cybersecurity</td><td></td><td></td><td></td></td<>	2025.08.04	9.00-10.45	Cybersecurity					
2025.08.05 Image: Constraint of the co		11.00-12.45	Cybersecurity					
11.00-12.45Artificial Intelligece and Deep LearningImage: constraint of the securityImage: constraint of the secu	2025.08.05	9.00-10.45	Artificial Intelligence and Machine Learning					
2025.08.06 Indexpersentation Deepfake, fake news in social media 11.00-12.45 Al and cybersecurity Deepfake, fake news in social media 2025.08.07 9.00-10.45 Group Presentation, feedback 11.00-12.45 Network Security Peepfake, fake news in social media 9.00-10.45 EKIK (University Research and Innovation Center) iROB Lab visit 2025.08.08 Peepfake, fake news in social media		11.00-12.45	Artificial Intelligece and Deep Learning					
11.00-12.45 Al and cybersecurity Deepfake, fake news in social media 2025.08.07 9.00-10.45 Group Presentation, feedback	2025.08.06	9.00-10.45	AI and cybersecurity	How to use AI to attack				
2025.08.07 Image: Constraint of the security 11.00-12.45 Network Security 9.00-10.45 EKIK (University Research and Innovation Center) iROB Lab visit		11.00-12.45	AI and cybersecurity	Deepfake, fake news in social media				
11.00-12.45 Network Security 9.00-10.45 EKIK (University Research and Innovation Center) iROB Lab visit	2025,08.07	9.00-10.45	Group Presentation, feedback	_				
2025.08.08	2023100107	11.00-12.45	Network Security					
	2025.08.08	9.00-10.45	EKIK (University Research and Innovation Center) iROB Lab visit					
	2023.00.00	11.00-12.00	Course closure, feedback					
2025.08.09 Departure	2025.08.09	Departure						

Group Task
Group task assignment (4-5 person)