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Re-HeEd

ΔΗΜΟΚΡΙΤΕΙΟ | DEMOCRITUS
ΠΑΝΕΠΙΣΤΗΜΙΟ | UNIVERSITY
ΘΡΑΚΗΣ | OF THRACE

Renaming Heritage Education in Egypt (ReHeED)

Proposal for a short course (WP2.3) & Training (WP3.2) on

"The Implementation of ICT Documentation Techniques

for Heritage Educational Purposes"

28 March- 02 April 2022

3.2 Workshop Schedule			
Day	**Module**	**Teaching Hours**	**Content**
Day 1	**Module 1: Theoretical Introduction to ICT documentation techniques**	**4**	- The Significance of Digital Documentation for Cultural Heritage - Laser scanning and digital photogrammetry: Introduction - Introduction to Photogrammetry and its evolution through time - Introduction to Laser Scanning techniques and development
Day 2	**Module 2: 3D laser scanning & practical training**	**4**	- Tutorial on 3d laser scanning & proper equipment usage - Case studies/ examples - Practical Application of 3D scanning with TLS *
Day 3	**Module 3: Digital photogrammetry & practical training**	**4**	- Tutorial on digital photogrammetry workflow - Guidelines on proper data collection & equipment usage - Practical Application of digital photogrammetry*
Day 4	**Module 4: Post Processing data**	**4**	- Software for processing raw scan data from TLS - Software for processing of digital photogrammetry data - Software for processing aerial photogrammetry data - Combination of 3D TLS and digital photogrammetry: the advantages of both methods
Day 5	**Module 5:**		- Evaluation of 3D models",

	models' evaluation and improvement	4	- Improvement/Enhancement of 3D models - Implementation of LIDAR techniques and digital photogrammetry for Educational Purposes
	Module 6: gamification in education		- Introduction to gamification: definitions & basic principles - Examples of game creation process