CYARK

## HERITAGE DOCUMENTATION TRAINING GRANT

## Training Curriculum

**Duration:** 3 weeks, with 21 hours of online instruction and 3 hours of support time. Instruction will take place in 3-hour video call sessions with assignments in between live sessions.

## Topics Covered

- **Digital Photography:** The course starts with a fundamental understanding of digital photography, which is vital for capturing high-quality images for 3D documentation.

- **Photogrammetry:** You will master aerial and terrestrial photogrammetry techniques, transforming photographs into accurate 3D models.

- **Sensor Fusion:** An essential part of the course is understanding sensor fusion principles. Learn to merge data from various sources to create comprehensive models representing reality accurately.

- **3D Data Processing:** Participants will obtain experience using industry-leading software like Capturing Reality to produce digital outputs to support the creation of scaled architectural drawings, detailed conservation reports, and immersive 3D virtual tours. Links to download all necessary software will be provided in advance if needed.

- **Unified Learning & Critical Thinking:** The course culminates by integrating all training elements to foster critical thinking, enabling you to tackle unique workflows and complex project challenges confidently.

Grantees will also receive 6-months complimentary licenses for Reality Capture post-processing software to facilitate their training and ongoing work.