RES 5595
CASE STUDIES IN STONE CONSERVATION

Department	Department of Conservation and Restoration of Cultural Heritage
Instructor	Assoc. Prof. Dr. Felat DURSUN
Course Duration	Fall Semester (28 Sep. 2026-06 Jan. 2027)
Class Time and Location	Thursdays, 09:45-12:30, BK2-6
Language of Instruction	English
Office Hours	Thursdays, 13:30-16:15, Faculty of Architecture E Block, B02

Weekly Schedule

Week	Topics	Materials
Week 1 (01 Oct.)	***Course Introduction and Introduction to Stone Conservation***	Selected readings
Week 2 (08 Oct.)	***Stone Materials and Properties***	Selected readings
Week 3 (15 Oct.)	***Quarrying, Processing and Use of Stone***	Selected readings
Week 4 (22 Oct.)	***Mortars, Plasters and Renders in Architectural Conservation***	Selected readings
Week 5 (29 Oct.)	**No Class - National Holiday**	
Week 6 (05 Nov.)	***Deterioration of Stone***	Selected readings
Week 7 (12 Nov.)	***Characterization of Stone, Mortars and Plasters I: Sampling and Investigation Strategy***	Selected readings
Week 8 (19 Nov.)	***Characterization of Stone, Mortars and Plasters II: Analytical Techniques***	Selected readings
Week 9 (26 Nov.)	***Durability Assessment***	Selected readings
Week 10 (03 Dec.)	***Structural Risk, Vulnerability and Post-Disaster Assessment of Historic Masonry***	Selected readings
Week 11 (10 Dec.)	***Heritage Stone: Significance, Provenance and Architectural Identity***	Selected readings
Week 12 (17 Dec)	***Stone in Archaeological Heritage***	Selected readings
Week 13 (24 Dec)	***Stone in Water Heritage***	Selected readings
Week 14 (31 Dec.)	***Conservation Decisions, Compatibility and Interventions***	
Final Exam (to be announced at the end of the semester)		

Course Requirements & Policies

- **Attendance**: Students must attend **at least 70% of classes** to be eligible for a passing grade. Active participation in discussions and activities is expected.
- **Assignments**: Weekly readings and Case Presentations.

Evaluation

Assignments:	**40%**
Case Presentations:	**50%**
Participation:	**10%**

Suggested Resources

- *Siegesmund, S., & Snethlage, R. (Eds.). (2011). Stone in architecture: properties, durability. Springer Science & Business Media.*
- *Henry, A. (Ed.). (2015). Stone conservation: principles and practice. Routledge.*
- *Doehne, E. F., & Price, C. A. (2010). Stone conservation: an overview of current research, Getty Conservation Institute.*