

**RES 570 Special Topics in Architectural Restoration: *Industrial Heritage* (3+0) 3
PhD Level (open to MSc students)**

Thursday - 13: 30 - 16: 15

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Course Description:

This course examines **industrial heritage** as a special topic within architectural restoration and conservation. It focuses on the historical development of industrial heritage, its cultural, social, technological, and architectural values, and the challenges related to its conservation and adaptive reuse.

The course critically engages with international conservation principles, charters, and organizations concerned with industrial heritage, including TICCIH, ICOMOS, and UNESCO, while also addressing the specific legal, institutional, and practical conditions shaping industrial heritage conservation in Türkiye.

Through readings, case study discussions, site-based analyses, and research-oriented writing, students develop critical perspectives on reuse, transformation, authenticity, and integrity of industrial sites. A central component of the course is the production of an **academic research article**, encouraging students to contribute to current scholarly debates on industrial heritage conservation.

Course Objectives:

The objectives of this course are to enable students to:

- Understand the emergence and historical development of industrial heritage
- Examine international conservation principles and charters related to industrial sites
- Critically analyse conservation and adaptive reuse approaches for industrial heritage
- Evaluate international and Turkish industrial heritage case studies
- Develop advanced academic research and writing skills through article preparation

Learning Outcomes:

Upon successful completion of the course, students will be able to:

1. Explain key concepts and values associated with industrial heritage
2. Critically assess conservation and reuse strategies for industrial sites
3. Apply international charters and guidelines to industrial heritage cases
4. Formulate a focused research question and structured academic argument
5. Produce an original academic article on industrial heritage conservation

Teaching and Learning Methods:

- Seminar-based lectures
- Guided discussions on key readings
- Case study analysis
- Writing workshops and feedback sessions
- Site visits and guest lectures

Assessment and Evaluation Method:

Each student is required to write an academic article on a topic related to the course theme: *Industrial Heritage*.

Reading Assignments & Class Participation	20%
Midterm Exam (Research Proposal & Structured Draft)	30%
Final Exam (Academic Article Submission)	50%

Article Guidelines:

1. Topic Selection:

Students must choose one of the following topics (or propose their own topic, subject to approval):

- The ethics of contemporary design in historic contexts.
- Balancing innovation and tradition in architectural conservation.
- Case studies of successful or controversial new additions to historic buildings.
- The role of materials and technology in modern interventions.
- Legal and regulatory challenges in designing for historic settings.
- The new design in historic contexts.

2. Structure of the Article:

The article should follow a standard academic structure, as follows:

- Title: Clear and concise, reflecting the focus of the article.
- Abstract: A brief summary (150–200 words) of the article's main arguments and findings.
- Introduction: Introduce the topic, research question, and significance of the study.
- Literature Review: Review relevant theories, case studies, and scholarly works related to the topic.
- Methodology: Explain the research approach (e.g., case study analysis, theoretical exploration, comparative study).
- Discussion: Present the main arguments, supported by evidence and examples.
- Conclusion: Summarize the findings and suggest implications for future research or practice.
- References: Include a properly formatted bibliography using a recognized citation style (e.g., APA, Chicago, MLA).

3. Length and Formatting:

- The article should be 3,000 - 4,000 words (excluding references).
- Use 12-point font, double-spaced, with margins.
- Include relevant visuals (e.g., diagrams, photographs, maps) where appropriate, with proper captions and credits.

4. Submission Requirements:

- Submit the article as a Word file by the final exam deadline.
- Include a cover page with the article title, student's name, course code, and date of submission.

5. Assessment Criteria:

The article will be evaluated based on the following criteria:

- Depth of Research: Demonstrated understanding of the topic and engagement with relevant literature.
- Critical Analysis: Ability to critically evaluate theories, case studies, and design approaches.
- Originality: Unique insights or perspectives on the topic.
- Clarity and Structure: Logical flow, clear arguments, and adherence to academic writing standards.
- Use of Visuals: Effective use of visuals to support arguments (if applicable).
- Referencing: Proper citation of sources and adherence to academic integrity.

Calendar:

Week	Date	Topic	Task	Deliverable
W1	26 Feb 2026	Introduction: Industrial Heritage as a Research Field	Brainstorm research interests	–
W2	05 Mar 2026	Historical Development of Industrial Heritage	Narrow research focus	1-paragraph topic statement
W3	12 Mar 2026	International Charters & Conceptual Frameworks	Conceptual positioning	–
W4	19 Mar 2026	Ramadan Eve – Official Holiday (No Class)	–	–
W5	26 Mar 2026	Values and Significance of Industrial Heritage	Finalize topic & research question	Research question
W6	02 Apr 2026	Literature Review Strategies	Structured critical reading	Annotated bibliography
W7	09 Apr 2026	Methodology & Case Study Design	Define method & case logic	Methodology paragraph
W8	16 Apr 2026	MIDTERM EXAM	Submission	Structured research package
W9	23 Apr 2026	National Sovereignty and Children's Day – Official Holiday (No Class)	–	–
W10	30 Apr 2026	Midterm Feedback & Research Repositioning	Revise scope and argument	Revised outline + reflection
W11	07 May 2026	Conservation Challenges of Industrial Heritage	Translate critique into writing	Draft discussion section
W12	14 May 2026	Industrial Heritage & Urban Regeneration	Strengthen coherence	–
W13	21 May 2026	International Best Practices	Comparative framing	–
W14	28 May 2026	Kurban Bayramı – Official Holiday (No Class)	–	–
W15	04 Jun 2026	Article Draft Workshop	Peer review	Full draft
W16	11 Jun 2026	Academic Writing Clinic & Final Revision	Final revisions	Revised draft
W17	25 Jun 2026	FINAL EXAM	Submission of Final Academic Article (3,000–4,000 words)	

Bibliography:

Books

- Hudson, K. (2014). *Industrial archaeology: An introduction*. Routledge.
- Douet, J. (Ed.). (2013). *Industrial heritage re-tooled: The TICCIH guide to industrial heritage conservation*. Routledge.
- Oevermann, H., & Mieg, H. A. (Eds.). (2014). *Industrial heritage sites in transformation: Clash of discourses*. Routledge.
- Palmer, M. (1998). *Industrial archaeology: Principles and practice*. Routledge.
- Stratton, M. (Ed.). (2000). *Industrial Buildings: Conservation and Regeneration* (1st ed.). Taylor & Francis. <https://doi.org/10.4324/9780203362471>.

Journal Articles

- Heo, G., & Lee, W. (2026). Estimating the Preserved Value of Industrial Heritage Using the Contingent Valuation Method: A Case of Cheoram Coal-Mine History Town. *Sustainability*, 18(3), 1615. <https://doi.org/10.3390/su18031615>
- Yılmaz, A., Gönülal, Y. Ö., & Yüceer, H. (2025). Industrial History and Heritage of the Karaburun Mercury Mining District, Türkiye. *Industrial Archaeology Review*, 47(1), 32–50. <https://doi.org/10.1080/03090728.2025.2513191>
- Saifi, Y., Zawawi, Z., & Yüceer, H. (2025). Adaptive reuse of industrial heritage in crises zones: the soap factories in the Levant. *Journal of Asian Architecture and Building Engineering*, 1–24. <https://doi.org/10.1080/13467581.2025.2498725>
- Oktay Vehbi, B., Mısırlısoy, D., Günçe, K., Yüceer, H. (2022). The Tourism Potential of Post-mining Heritage Sites: The Cyprus Mining Cooperation in Lefka, Cyprus. *Geoheritage* 14, 58. <https://doi.org/10.1007/s12371-022-00697-6>
- Vehbi, B. O., Yüceer, H., & Hürol, Y. (2019). New Uses for Traditional Buildings: The Olive Oil Mills of the Karpas Peninsula, Cyprus. *The Historic Environment: Policy & Practice*, 10(1), 58–82. <https://doi.org/10.1080/17567505.2019.1545161>
- Yüceer, H., Oktay Vehbi, B., & Hürol, Y. (2018). The conservation of traditional olive oil mills in Cyprus. *Journal of Architectural Conservation*, 24(2), 105–133. <https://doi.org/10.1080/13556207.2018.1483551>
- Yuceer H, Vehbi BO (2014), "Adaptive Reuse of Carob Warehouses in Northern Cyprus". *Open House International*, Vol. 39 No. 4 pp. 65–77, doi: <https://doi.org/10.1108/OHI-04-2014-B0007>
- Landorf, C. (2009). A Framework for Sustainable Heritage Management: A Study of UK Industrial Heritage Sites. *International Journal of Heritage Studies*, 15(6), 494–510. <https://doi.org/10.1080/13527250903210795>
- Orange, H. (2008). Industrial Archaeology: Its Place Within the Academic Discipline, the Public Realm and the Heritage Industry. *Industrial Archaeology Review*, 30(2), 83–95. <https://doi.org/10.1179/174581908X347292>

Policy Documents & Charters

TICCIH. (2003). *The Nizhny Tagil charter for the industrial heritage*. <https://ticcih.org/about/charters/>

ICOMOS & TICCIH. (2011). *The Dublin principles for the conservation of industrial heritage sites, structures, areas and landscapes*. <https://ticcih.org/about/charters/>

UNESCO. (2011). *Recommendation on the historic urban landscape*. UNESCO World Heritage Centre. <https://whc.unesco.org/en/hul/>

Seville Charter of Industrial Heritage 2018 The challenges of the 21st century. <https://ticcih.org/wp-content/uploads/2019/03/Carta-de-Sevilla-de-Patrimonio-Industrial-febrero-2019.pdf>

Important Notes:

- Deadlines: Strict adherence to deadlines is mandatory. Late submissions will not be accepted.
- Academic Integrity: All work must comply with academic writing ethics and rules. Plagiarism or any form of academic misconduct will result in disciplinary action.
- Feedback: Students will receive detailed feedback on their articles, including suggestions for improvement and potential avenues for publication.