**University of Management and Technology**

**Course Outline**

Course code: **AR623**

Course title: **CONSERVATION OF URBAN BUILT HERITAGE**

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| Program | **M-Arch** |
| Credit Hours | 2+1 = 3 |
| Duration | One Semester |
| Prerequisites | AR603: Architectural Heritage |
| Resource Person | **As per timetable** |
| Counseling Timing  (Room# 4L-09 ) | **Kindly see office window** |
| Contact |  |

**Chairman/Director signature………………………………….**

**Dean’s signature…………………………… Date………………………………………….**

**Learning Objective:**

**AR-623: conservation of urban built heritage**

Objectives:

Concepts and methodology for integrated urban conservation in the context of International charters, legislation, economic frameworks and ethical principles for urban conservation.  
1. To consider the historic built environment as a totality rather than an agglomeration of specific buildings  
2. To analyze the impact of the general built environment on historic buildings and sites  
3. To place architectural conservation within wider social and political concerns

Syllabus:

This module covers Urban Conservation in Pakistan; Urban Conservation Principles Methodology

I, Site Analysis Methodology II, Typology + Particularity; Problems and Opportunities International Charters for Historic Settlements; Management and Finance: simulation exercise; Urban forms and Town Centers as worthy of conservation; their historicity, growth and decay, Detailed study of an urban area, Case studies on various urban issues, Conservation of Group of buildings and historic districts of an urban settlement, Linear Conservation, Restoration and Reconstruction. Invited lectures and Project-specific lectures and seminars are also part of this particular module.

**Learning Methodology:**

* Lectures as mentioned in the Weekly semester activities
* Searching and studying the latest research papers relevant to the course
* Assignments on selected heritage areas in urban centers of Pakistan
* Study of selected chapters of the recommended books
* Presentations by the students and discussion
* Study of urban squares and urban historic areas for consideration of their conservation
* Study of buildings situated in the historic areas with reference to their historic period, architectural style, elements and materials used in construction

**Grade Evaluation Criteria**

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

**Marks Evaluation Marks in percentage**

Quizzes 05%

Assignments 10%

Mid Term 25%

Term Project/ Presentations 10%

Final exam 50%

Total **100**

**Recommended Books and other related reading material:**

* Conservation of Historical Buildings by Sir Bernard M. Fielden.
* Manage Built Heritage, Stephen Bond.
* Policy and Law in Heritage Conservation, Robert Pickard.
* Preserving Built Heritage, Mark Schuster.
* Archaeology in Pakistan by Dr. Ahmad Nabi Khan
* The Antiquities Act 1975, Islamic republic of Pakistan
* The Punjab Special Premises (Preservation) Ordinance, 1985, Government of the Punjab, Pakistan
* Conservation Plan for the Walled city of Lahore, Lahore Development Authority (LDA), Lahore

NEW added in Fall Semester 2019:

* Built Heritage Conservation and Contemporary Urban Development: The Contribution of Architectural Practice to the Challenges of Modernisation, Piacido Gonzalez Martinez, 2017
* Urban and Architectural Heritage Conservation within Sustainability, Dr. Kabila Hmood, Al-Zaytoonah University of Jordan, 2019
* Built Heritage: Monitoring Conservation Management, Toniolo, Lucia, Boriane, Maurizio, Guidi, Gabriele, 2015
* Conserving Cultural Heritage: Proceedings of International Congress on Science and Technology, Maria Jesus Mosquera, M.L. Almaraima Gil, Cadiz- Spain, 2017
* Conservation of Architectural Heritage: Second International Conference on Conservation of Architectural Heritage, Editors: Hawkes, D., Bougdah, H., Cavalagli, N., Yousef, M., Ghoneen, M., Alaouch, C., Mohareb, N., CAH-2, Egypt, 2018

**Reference Books:**

* Built Heritage Conservation and Contemporary Urban Development: The Contribution of Architectural Practice to the Challenges of Modernisation, Piacido Gonzalez Martinez, 2017
* Urban and Architectural Heritage Conservation within Sustainability, Dr. Kabila Hmood, Al-Zaytoonah University of Jordan, 2019
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**Calendar of Course contents to be covered during semester**

**Course code……………………………...... Course title………………………………………**

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| **Week** | **Course Contents** | **Reference Chapter(s)** |
| 1 | Introduction to the course and semester activities,  Objectives, syllabus and reading material | Conservation of Historical buildings by Sir Bernard M. Fielden |
| 2 | Urban Conservation in Pakistan; Urban Conservation Principles Methodology I, Site Analysis  Assignment #1: Selection of an Urban Square for study of its historic development and conservation issues | Manage Built Heritage, Stephen Bond. |
| 3 | Methodology II, Typology + Particularity; Problems and Opportunities, International Charters for Historic Settlements  Discussion on Assignment #1 | Built Heritage Conservation and Contemporary Urban Development: The Contribution of Architectural Practice to the Challenges of Modernisation, Piacido Gonzalez Martinez, 2017 |
| 4 | Quiz #1: Based on previous lectures  Individual; discussions on selected urban squares as Assignment #1 | Built Heritage Conservation and Contemporary Urban Development: The Contribution of Architectural Practice to the Challenges of Modernisation, Piacido Gonzalez Martinez, 2017 |
| 5 | Management and Finance: simulation exercise; Urban forms and Town Centers as worthy of conservation; their historicity, growth and decay,  Final Discussion on selected Urban squares | Urban and Architectural Heritage Conservation within Sustainability, Dr. Kabila Hmood, Al-Zaytoonah University of Jordan, 2019 |
| 6 | Detailed study of an urban area,  History, growth, buildings of different historic periods, materials used in construction, architectural elements and changing social order  Assignment #2: A case study of an urban area | Urban and Architectural Heritage Conservation within Sustainability, Dr. Kabila Hmood, Al-Zaytoonah University of Jordan, 2019 |
| 7 | Quiz #2: Based on previous lecture  Discussion on urban issues of the selected urban areas | Urban and Architectural Heritage Conservation within Sustainability, Dr. Kabila Hmood, Al-Zaytoonah University of Jordan, 2019 |
| 8 | MID TERM EXAMINATION  Review of work done on case studies | Built Heritage: Monitoring Conservation Management, Toniolo, Lucia, Boriane, Maurizio, Guidi, Gabriele, 2015 |
| 9 | Conservation of Group of buildings and historic districts of an urban settlement,  Submission and presentation of Assignment #2 | Built Heritage: Monitoring Conservation Management, Toniolo, Lucia, Boriane, Maurizio, Guidi, Gabriele, 2015 |

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| 10 | Consideration of demarcation of historic areas/ districts  Social and cultural aspects of the community in and around historic areas  Quiz #3 | Built Heritage: Monitoring Conservation Management, Toniolo, Lucia, Boriane, Maurizio, Guidi, Gabriele, 2015 |
| 11 | Linear Conservation, Restoration and Reconstruction.  Consideration of facades and architectural elements | Conserving Cultural Heritage: Proceedings of International Congress on Science and Technology, Maria Jesus Mosquera, M.L. Almaraima Gil, Cadiz- Spain, 2017 |
| 12 | Searching the relevant papers on regeneration of the historic areas, preparation of the summary and presentation | Conserving Cultural Heritage: Proceedings of International Congress on Science and Technology, Maria Jesus Mosquera, M.L. Almaraima Gil, Cadiz- Spain, 2017 |
| 13 | Building types and materials used in construction of historic buildings in urban area | Conservation of Architectural Heritage: Second International Conference on Conservation of Architectural Heritage, Editors: Hawkes, D., Bougdah, H., Cavalagli, N., Yousef, M., Ghoneen, M., Alaouch, C., Mohareb, N., CAH-2, Egypt, 2018 |
| 14 | Discussion and Debate on urban redevelopment and regeneration | Conservation of Architectural Heritage: Second International Conference on Conservation of Architectural Heritage, Editors: Hawkes, D., Bougdah, H., Cavalagli, N., Yousef, M., Ghoneen, M., Alaouch, C., Mohareb, N., CAH-2, Egypt, 2018 |
| 15 | What to conserve in an historic area with multiple heritage, architectural styles and features | Class Notes |
| 16 | Review of the learning of the course  Final Examination | Class Notes |