**University of Management and Technology**

**Course Outline**

Course code: Ar-632 Course title; Housing Design

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| Program | **Program: MASTER OF ARCHITECTURE (M. ARCH)**  **Course: ARXXX- Housing Design** |
| Duration | **Credit Hours 3 +0** |
| Prerequisites | **none** |
| Resource Person | **As per timetable** |
| Counseling Timing | **Please see office window** |
| Contact | https://mail.google.com/mail/u/0/images/cleardot.gif |

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

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

**Learning Objective:**

After learning the material covered in this unit, students should be able to:

* Learn concepts of Housing Design
* Analyze different housing typologies
* Explore the transformation of housing design
* Understand the application of context/geography in housing design
* Determine the impact of COVID on Housing design
* Explore the futuristic approach to housing
* Develop an architectural plan/conceptual framework of future housing design

**Learning Methodology:**

The learning methodology for this course will include:

1. Class activities
2. Group Discussions
3. Paper Review
4. Project
5. Lectures

**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 5%

Assignments 15%

Mid Term 25%

Class Participation 5%

Term Project 10%

Final exam 40%

Total 50%

**Reference Books:**

1. The Housing Design Handbook: A Guide To Good Practice 2nd Edition by by [David Levitt](https://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&field-author=David+Levitt&text=David+Levitt&sort=relevancerank&search-alias=books) (Author), [Jo McCafferty](https://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&field-author=Jo+McCafferty&text=Jo+McCafferty&sort=relevancerank&search-alias=books) (Author)
2. Housing Design: A Manual Hardcover – February 29, 2012 by [Bernard Leupen](https://www.amazon.com/Bernard-Leupen/e/B001JOSGQ6/ref=dp_byline_cont_book_1) (Author), [Harald Mooij](https://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&field-author=Harald+Mooij&text=Harald+Mooij&sort=relevancerank&search-alias=books) (Author)
3. The Impacts of Supportive Housing on Neighborhoods and Neighbors Paperback – March 14, 2013 by [George Galster](https://www.amazon.com/s/ref=dp_byline_sr_book_1?ie=UTF8&field-author=George+Galster&text=George+Galster&sort=relevancerank&search-alias=books) (Author), [U.S. Dept of Housing and Urban Developme](https://www.amazon.com/s/ref=dp_byline_sr_book_2?ie=UTF8&field-author=U.S.+Dept+of+Housing+and+Urban+Developme&text=U.S.+Dept+of+Housing+and+Urban+Developme&sort=relevancerank&search-alias=books) (Creator), [et al.](https://www.amazon.com/s/ref=dp_byline_sr_book_3?ie=UTF8&field-author=et+al.&text=et+al.&sort=relevancerank&search-alias=books) (Creator)
4. Van Bortel, G., Gruis, V., Nieuwenhuijzen, J., & Pluijmers, B. (2019). Affordable Housing Governance and Finance. London and New York: Routledge.
5. Varady, D. P. (2022). Cities and affordable housing: Planning, design and policy nexus, edited by Sasha Tsenkova: New York and London, Routledge, 2022.
6. Pugh, C., Aldrich, B., &Sandhu, R. (1995), Housing the urban poor: policy and practice in developing countries.

**Calendar of Course contents to be covered during semester**

**Course code: Ar-632 Course title…Housing Planning and Development……**

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| **Week** | **Course Contents** | **Reference Chapter(s)** |
| 1 | Introduction to the course |  |
| 2 | Evolution of Housing Design | Class Notes |
| 3 | Housing Typologies  (Traditional) | Class Notes |
| 4 | Housing Typologies  (Modern) | Class Notes |
| 5 | Housing Typologies (Traditional and Modern)  (Pakistan Context) | Class Notes |
| 6 | Contextualism in Housing Architecture | Class Notes |
| 7 | Impact of Neighborhood on Housing Design | Class Notes |
| 8 | MID TERM | Class Notes |
| 9 | Impact of Neighborhood on Housing Design  (Pakistani Context: Comparison of DHA and LDA) | Class Notes |

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| 10 | Regulatory Framework and Bye Laws | Class Notes |
| 11 | Post Covid Housing | Class Notes |
| 12 | Futuristic Approach of House | Class Notes |
| 13 | Introduction to Term Project | Class Discussions |
| 14 | Progress of Term Project | Class Discussions |
| 15 | COURSE REVIEW |  |