**Department of Architecture**

**School of Architecture and planning**

**University of Management and technology**

**Course Outline (on OBE)**

## UMT’s Vision

## ***Our Vision is... Learning***

It defines our existence, inspires all stakeholders associated with us, creates a powerful momentum inside, and responds to the challenges outside. It continues to evolve as present captures new realities and foresight to unfold new possibilities. All in an incessant attempt to help individuals and organizations discover their God-given potentials to achieve Ultimate Success actualizing the highest standards of efficiency, effectiveness, excellence, equity, trusteeship and sustainable development of global human society.

## UMT Mission

Our Mission is.... Leading

We aspire to become a learning institution and evolve as the LEADING COMMUNITY for the purpose of integrated development of the society by actualizing strategic partnership with stakeholders, harnessing leadership, generating useful knowledge, fostering enduring values, and projecting sustainable technologies and practices.

### Mission of the School

The mission of the School is to provide the best leadership in the fields of the built environment; particularly in the development, management and innovation in the fields of architecture, urban planning and related specializations and sub-specializations

### Mission of the Department

At the Department of Architecture our mission is to challenge the participants to develop their abilities in solving complex problems by thinking creatively & informed decision making as a core of their professional schooling. Offering them a diverse interdisciplinary and meticulous program of studies led by an adroit faculty in a comprehensive studios or class environment and preparing them for leadership roles in the field of Architecture, Construction, Landscape, Built Environment and community development.

**University of Management and Technology**

**Course Outline**

**Spring 2021**

Course codeAR-501: Elective-IICourse title **Understanding Current world**

|  |  |
| --- | --- |
| Program | B.Arch. |
| Credit Hours | 2+1 |
| Duration | 15 weeks |
| Prerequisites | NA |
| Resource Person | Ar. Muhammad Nasir Chaudhry |
| Counseling Timing  (Room# ) | As per time table  Ar. Muhammad Nasir Chaudhry  As per time table |
| Contact | [Nasir.chaudhry@umt.edu.pk](mailto:Nasir.chaudhry@umt.edu.pk)  0331-6274724 |

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

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

**Program Education Objectives (PEO’s)**

**PEO 1:** Able to interpret and elaborate architectural knowledge, communication, graphical and computer skills.

**PEO 2:** Able to develop building and architectural plans through design coordination selecting suitable materials and construction techniques.

**PEO 3:** Able to propose appropriate solution to complex building issues and adapt recent developments in architecture focusing on research, creativity and innovation.

**PEO 4:** Able to maximize ethics by keeping spirit of discipline and respecting the professional codes and society.

**Program Learning outcomes PLO’s)**

Graduates of the B-Architecture at UMT are expected to have acquired and developed the following set of knowledge, skills and personality traits (these are also referred to as graduate attributes).

**PLO 1 Architectural Knowledge:** An ability to illustrate, architectural fundamentals through verbal and graphical Techniques

**PLO 2 Design Analysis and development:** An ability to identify literature and analyze architectural problems reaching substantiated conclusions to meet specified needs with appropriate societal and environmental consideration.

**PLO 3 Case study analysis:** An ability to analyze architectural issues in a methodical way including design, field surveys, interpretation of field data, and synthesis of information to derive valid conclusions.

**PLO 4 Digital Tool Usage:** An ability to create, select and apply appropriate techniques, resources, and modern architectural computer simulations, including prediction and modeling, to complex activities, with an understanding of the limitations.

**PLO 5 Environment and Sustainability:** An ability to propose sustainable solutions to environmental problems through architectural design thinking.

**PLO 6 Project Management:** An ability to demonstrate management skills and leadership qualities in individual and teamwork capacity.

**PLO 7 Design Coordination:** An ability to coordinate effectively across different sectors of construction industry. (Material suppliers, Electrical plumbing, HVAC and Civil works).

**PLO 8 Ethics and the society:** An ability to apply ethical principles and professional codes of the profession following the social norms to the best interest of the mankind.

**Course Learning outcomes (CLO’s)**

This course will provide an opportunity to undertake an in depth study of emergence and spread of Islam and development of Muslim Architecture in Middle East, North Africa, Spain, West Asia and Central Asia. The course will look into greater depths of history and development of architecture in Sub-Continent with special reference to Pakistan up to independence.

**Course Learning outcomes (CLO’s)**

|  |  |  |  |
| --- | --- | --- | --- |
| **CLO CODE** | **CLO NAME** | **CLO** | **Domain** |
| **501.1** | **501.C1** | to critically evaluate and analyze current events using a variety of sources, including news media, academic articles, and government reports | **Cognitive 4** |
| **501.2** | **501.C2** | to analyze the historical and contemporary role of trade and trade routes in shaping the global economy, including the impact of globalization and technological advancements. | **Cognitive 4** |
| **501.3** | **501.C3** | Develop an understanding of global issues such as climate change, international relations, and economic systems, and how they impact societies around the world. | **Cognitive 2** |
| **501.4** | **501.C4** | To evaluate the role of media in shaping public opinion and understand the importance of media literacy in today's world. | **Cognitive 5** |
| **501.5** | **501.C5** | Develop critical thinking skills through examining complex problems and considering multiple perspectives. | **Cognitive 4** |

**Mapping of CLO’s to Program’s learning outcomes (PLO’S)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **Course Code** | **Title** | **Course Learning outcomes** | **PLO 1: Architectural Knowledge** | **PLO 2: Design Analysis and development:** | **PLO3: Case study analysis:** | **PLO 4: Digital Tool Usage:** | **PLO 5** **Environment and Sustainability** | **PLO 6: Project Management:** | **PLO 7: Design Coordination** | **PLO 8: Ethics and the society** |
| **10th SEMESTER** | **AR-501** | UNDERSTANDING CURRENT WORLD | to critically evaluate and analyze current events using a variety of sources, including news media, academic articles, and government reports |  |  |  |  |  |  |  | √ |
| to analyze the historical and contemporary role of trade and trade routes in shaping the global economy, including the impact of globalization and technological advancements |  |  |  |  |  |  | √ |  |
| Develop an understanding of global issues such as climate change, international relations, and economic systems, and how they impact societies around the world |  |  |  |  | √ |  |  |  |
| To evaluate the role of media in shaping public opinion and understand the importance of media literacy in today's world. |  |  |  |  |  |  |  | √ |
|  |  |  | Develop critical thinking skills through examining complex problems and considering multiple perspectives |  | √ |  |  |  |  |  |  |

**Learning Objective:**

This course is designed to use current events and issues to learn and understand many of the social studies standards. Using various methods of research and assessment and online courses, students will examine and critique the major issues facing the world in order to better understand their roles as citizens and develop a better comprehension of how they fit into and are affected by the events occurring around the world.

**Learning Methodology:**

Lectures as provided in the schedule of the semester activities along with study of recommended books and uploaded articles on the Moodle along with class notes.

Presentations will be given on allocated topics. Class notes and readers will be provided when required.

**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 15%

Assignments 10%

Mid Term 15%

Project-1 (online) 10%

Presentations 05%

Project-2 10%

Final exam 35%

**Total 100%**

**Recommended Text Books:**

* Global Village Companion: An A-to-Z Guide to Understanding Current World Affairs
  + **Publisher:** ABC-CLIO
  + **ISBN-10:** 0874368294
  + **By :** Karen Christensen

**Reference Books:**

* Democracy in America
  + **Publisher:** University of Chicago Press
  + **ISBN-10:** 9780226805368
  + **By:** Alexis de Tocqueville
* Things that Can and Cannot Be Said: Essays and Conversations
  + **Publisher:** Haymarket Books
  + **ISBN-10:** 1608467171
  + **By:** Arundhati Roy
* What You Should Know About Politics . . . But Don't: A Nonpartisan Guide to the Issues That Matter
  + **Publisher:** Arcade
  + **ISBN-10:** 1628726725
  + **By :** Jessamyn Conrad
* Third World Politics: A Concise Introduction
  + **Publisher:** Wiley-Blackwell
  + **ISBN-10:** 0631197788
  + **By:** Jeffrey Haynes
* Understanding Third World Politics: Theories of Political Change and Development
  + **Publisher:** Red Globe
  + **ISBN-10:** 1137003235
  + **By:** Brian Smith
* The East India Company: Trade and Conquest from 1600
  + **Publisher:** The Lyons Press
  + **ISBN-10:** 1585740594
  + **By:** Antony Wild
* Coffee: A Dark History
  + **Publisher:** W. W. Norton & Company
  + **ISBN-10:** 0393337391
  + **By:** Antony Wild
* An Analysis of the Primary Driver for China's Belt and Road Initiative (BRI) - Security Versus Economics - Maritime Silk Road, China-Pakistan Economic Corridor (CPEC) Infrastructure Network Project
  + **Publisher:** Independently published
  + **ISBN-10:** 1730936814
  + **By:** U.S. Government (Author), U.S. Military (Author), Department of Defense (DoD)
* The Great Trade Routes: A History of Cargoes and Commerce over Land and Sea
  + **Publisher:** Naval Institute Press
  + **ISBN-10:** 9781591143352
  + **By:** Phillip Parker
* The Silk Road: The History and Legacy of the Trade Routes that Connected Europe and Asia
  + **Publisher:** Charles River Editors
  + **ASIN:** B01G5S8PLG
* Berenike and the Ancient Maritime Spice Route
  + **Publisher:** University of California Press
  + **ISBN-10:** 0520244303
  + **By:** Steven E. Sidebotham

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

Course codeAR-501: Elective-II Course title… Understanding Current world

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Course Contents** | | **Reference Chapter(s)** |
| 1 | * Introduction and importance of the subject * Trade routes   THE SIMPLE DEFINITION of a trade route is an area or proscribed passage by land or sea used by merchants and caravans for economic purposes. A trade route can be established between any multiple points linked by trade, whatever the [distance](http://geography.name/distance/) between them, and can exist within a small area or specific region or over vast distances between a number of regions. | | The Great Trade Routes: A History of Cargoes and Commerce Over Land and Sea |
| 2 | * Trade routes * Blue economy * Assignment   + Draw trade routes * Presentation   + Communist manifesto, book review | | The Great Trade Routes: A History of Cargoes and Commerce Over Land and Sea |
| 3 | * Geographical importance of locations   + Bab al mandab   + Gibraltar * Guest lecture | | Worlds Together, Worlds Apart  By  Book by Robert Tignor |
| 4 | * Trade routes in colonial period   + East India company   + Wars of the world * Book review   + The Lessons of History Book by Will Durant | | Online course  International affairs: globalization |
| 5 | * CPEC and its importance   + Trade routes and local impact   + Architectural importance | | Online course  International affairs: globalization |
| 6 | * CPEC and its importance   + Trade routes and local impact   + Architectural importance | | Online course  International affairs: globalization |
| 7 | * Class presentation | | Online course  International affairs: globalization |
| 8 | * Mid term | |  |
| 9 | * Impact of CPEC in current region , with respect to following   + Economy   + Social values   + Architectural trends | | Worlds in Collision: Terror and the Future of Global Order  Editors: Ken Booth, Tim Dunne |
| 10 | | * Impact of CPEC in current region , with respect to following   + Economy   + Social values   + Architectural trends   + I. M. Pei | Worlds in Collision: Terror and the Future of Global Order  Editors: Ken Booth, Tim Dunne |
| 11 | | * Modern Architects and current world   + Zaha Hadid   + Renzo Piano   + Frank Gehry   + I. M. Pei | Worlds in Collision: Terror and the Future of Global Order  Editors: Ken Booth, Tim Dunne |
| 12 | | * Modern Chinese architects and current world   + Zhang Ke   + Wang Shu   + Lu Wenyu   + Yung Ho Chang | Worlds in Collision: Terror and the Future of Global Order  Editors: Ken Booth, Tim Dunne |
| 13 | | * New world order | The New World Order  Book by A. Ralph Epperson |
| 14 | | * New world order | The New World Order  Book by A. Ralph Epperson |
| 15 | | * Final exam |  |