

Course Name: Community Architect Program
Course By: Urban Recourse Center
Lecturer: Muhammad Toheed, Urban Planner, GIS Analyst
 Visiting Lecturer at NED University of Engineering & Technology
 Research Assistant at IBA, Aman CED Program
Contact Hours: 32 Hrs

Course Content:

1. Mapping
2. Surveying
3. Housing
4. AutoCAD
5. Google Earth Pro/ GIS Introduction

Course Content by Class:

1	Class 1	AutoCAD, Manual Sketching Concepts, Page Setup, Setting of Units
2	Class 2	Mapping, Concepts, Definition, Units Conversion for Scale. MKS vs FPS System
3	Class 3	AutoCAD, Digital Drafting Concepts, Line, Polyline, Point and Polygon
4	Class 4	Mapping, Analog & Digital Mapping, Land Survey Mapping Vs Housing Mapping
5	Class 5	AutoCAD, New Commands to build a layout Plan
6	Class 6	Mapping, Maps Type, Scale and Types of Scale, Concept of Satellite Imagery
7	Class 7	AutoCAD, New Commands to build a layout Plan, Field Visit
8	Class 8	Surveying, Concepts, Plotting of coordinates on Graph Paper
9	Class 9	AutoCAD, New Commands to build a layout Plan
10	Class 10	Surveying, Data Types, Data Acquisition Methods, Survey Equipment
11	Class 11	AutoCAD, New Commands to build a layout Plan, Field Visit
12	Class 12	Housing, Layout, Essential for Housing, Connected Amenities Network, Field Visit
13	Class 13	AutoCAD, New Commands to build a layout Plan
14	Class 14	Housing, Aesthetics in Architectural Perspective, Building Material, Field Visit
15	Class 15	AutoCAD, A Total 30-40 Commands will cover For Student Hand on
16	Class 16	Google Earth Pro, Data Acquisition and Digitizing, Image Capture from Google