

## KCE-351 Building Planning & Drawing Lab

S.No.	Name of major equipment/setup
1	CAD/BIM software

**LIST OF EXPERIMENTS**  
**KCE-351 BUILDING PLANNING & DRAWING LAB**

1. Drawing and drafting of the following with CAD/BIM software
2. Introduction to the tools and commands of drafting software.
3. Working in layers, blocks, x-ref, drawing layout and print setup.
4. 3D drafting and rendering
5. Planning and drafting of elevation and cross-section of door and window
6. Planning and drafting of plan and cross-section of dog-legged and open well staircase.
7. Planning and Drawings of Residential building of 1 room set (plan and section).
8. Planning and drawing of a 3-room residential building with staircase.
9. Preparation of details general arrangement drawing of 4-room duplex house including planning and drafting