Architectural CAD, IET-161   Name: _____

Spring 2013, Week 3

In Class Evaluation (ICE)   Day and date: _____

Evaluation Model, Project Model

50 points total

Evaluation Model, download this model from the website (20pts)

- Move the alcove on the east exterior wall to the north by 25 feet, Constrained (1pt), create a north-south section here, symbol on north end, view west (2pts), using "Edit Profile" cut the original building wall to accommodate this room (3pts)
- Copy the wall, with door number 5, 10 feet to the east (1pt) dimension this (1pt)
- Rotate the "Work Station Cubicle" 90 degrees CW (1pt) and Move it to the south west corner of the room aligned and locked to the walls (1pt) mirror this to the other side of the room (1pt), aligned and locked to the walls (1pt)
- Use the Linear Array command to copy the window on the north wall in order to layout 6 windows on this wall with the last window the same distance from the interior finished face as the first window (3pts) dimension the last window (1pt)
- Trim or Split the wall to open the north hallway to the center of the building (2pts)
- Align the finish face of the wall with door number 3 on it to the interior finish face of the exterior wall with the new arrayed windows on it, lock this (2pts)
- Errors and Extras

Project Model (30 points total)

- Views, on your North Elevation, create three new levels, whole units (3pts), rename two of them Roof and Parapet (1pt) Parapet-3 feet above the Roof (1pt), the other a floor name (1pt) use CAPITALs (1pt) align and lock to the other levels, place symbols just outside of the walls, neat and orderly (1pt)
- Create a floor plan of the above levels except for the Parapet (1pt)
- Views, create an Elevation (interior or exterior) of your angled wall (1pt), proper scope (1pt) descriptive name in CAPITALs (1pt)
- Views, create an Interior Elevation of a long wall with doors and/or windows on it (1pt), descriptive name in CAPITALs (1pt)
- Views, create 2 Building Sections of your choice perpendicular to each other (1pt) descriptive name in CAPITALs (1pt) symbols close to walls, neat (1pt)
- Views, create a Wall Section (1pt) descriptive name in CAPITALs (1pt)
- Views, create a Detail Section (1pt) of a Wall Section (1pt) descriptive name in CAPITALs (1pt)
- Views, create a plan Call Out in your Level 1 Floor Plan (1pt) of some items of interest similar to the book (1pt), descriptive name in CAPITALs (1pt), symbols neat and orderly (1pt)
- Views, create 2 Camera Views (1pt) of some details inside your building (1pt)
- CAPITAL letter descriptions for all of your Floor Plans, Ceiling Plans, Elevations and Sections (2pts).
- Errors and Extras