Lecture Class Assignment #3

Lecture: "Sketching for Engineers"
William Bullock, Professor and Chair, Industrial Design
Tuesday, Jan 30th, 8:00-8:50 am 1002 ECE
Thursday Feb 1st, 8:00-8:50 am 1002 ECE

-Sketching
   - What is a sketch?
   - Why sketch? Advantages? Disadvantages?
   - Materials, technique and speed
   - Sketching lines, planes, squares and polygons

-Square; a 2D unit of measure
-Circles and ellipses; polygons
-Orthographic sketching {2D}; target points, lines and planes
-Oblique sketching {3D}
-Isometric Sketching {3D}

Sketch along with the Instructor and hand in all finished sketches at the end of class on both Tuesday and Thursday. Include at least one isometric cube shape similar to those on the bottom of the following page, as part of this exercise. If necessary spend a little time between Tuesday and Thursday class to complete this isometric cube shape.