

University of Asia Pacific

Department of Civil Engineering (CE)

CE 100: Engineering Drawing Sessional

Credits: 1.5 (Credit 1.5, Class Period 3 hours/week)

Course Teacher: Shaika Sharkia, Lecturer

Suggested Reference:

Class Lecture

Grading Policy:

Assessment (Attendance, Class Grading, Reports) (Attendance 10%, Class Grading 20%, Report 20%)	50%
Quiz 1 (After about 7 weeks)	25%
Quiz 2 (End of Semester)	25%

Course Outline & Duration (Tentative):	
Introduction to Civil Engineering Drawing	1 week
Plane Geometry – Pentagon, Hexagon, Octagon, Ellipse, Parabola, Hyperbola	1 week
Interpretation of Solids	1 week
Section and True Shape – Cube, Pyramid, Cone, Prism	1 week
Projection (Solid Geometry)	2 weeks
Development – Cube, Pyramid, Cone, Prism	1 week
Quiz – 1	
Isometric Drawing	2 weeks
Oblique Drawing	1 week
Plan, Elevation and Section of One Storied Buildings	4 weeks
Quiz – 2	

Main Drawing Equipments:

1. Lead Pencils (2B and HB)
2. Set squares (30° – 60° drawing triangle and 45° drawing triangle)
3. Compass, Dividers and card board scale
4. T square (i.e. “T” shape scale, 32" standard available in Bangladesh)
5. Scale
6. Drawing Paper (28" × 22")
7. French Curve
8. Scotch Tape