

**DSE 全方位課程 Video Lecture 課題表 (中五)**

<b>Section 7 – Properties of Circles</b>	
1. Properties of Chords of a Circle	4. Cyclic Quadrilaterals
2. Properties of Angles of a Circle	5. Tangents to Circles
3. Relations among Angle, Arc and Chord	6. Angle in the Alternate Segments
<b>Section 8 – Applications of Trigonometry</b>	
1. Solving Triangles	4. Angle between a Line and a Plane
2. Area of Triangles	5. Angle between two Planes
3. Applications on 2D Problems	6. Bearing of a Point in 3D
<b>Section 9 – Equations of Circles</b>	
1. Introduction to Locus	4. More about Equations of Circles
2. Locus in Algebraic Method	5. Intersections of a Circle and a Straight Line
3. Equations of Circles	6. Equations of Tangents to Circles
<b>Section 10 – Linear Programming &amp; Properties of Plane Figures</b>	
1. Linear Inequalities in 2 Unknowns	4. Linear Programming
2. System of Linear Inequalities	5. Applications of Linear Programming
3. Constraints and Feasible Solutions	6. Properties of Plane Figures
<b>Section 11 – Transformations on Plane, Mensuration &amp; Probability (1)</b>	
1. Transformations on a Rectilinear Coordinate Plane	4. Mensuration of Similar Figures
2. Mensuration of Plane Figures	5. Notations of Sample Space and Events
3. Mensuration of Solids	6. Revision on Basic Probability
<b>Section 12 – Permutations, Combinations &amp; Probability (2)</b>	
1. Permutations	4. Combinations with Restrictions
2. Permutations with Restrictions	5. Addition Law of Probability
3. Combinations	6. Multiplication Law of Probability