

S. N	Grade 12 (New STB)	Grade 11 (Old STB)	Grade 10 (Old STB)	Grade 9 (Old STB)
1	Unit - 1 Application of physics in other fields			
2	Unit - 2 Two dimensional motion	Unit - 3 ❖ Uniform circular Motion. ❖ Projectile Motion. ❖ Motion in vertical circle. ❖ Motion of Satellite. ❖ Relative Motion. Unit - 4 ❖ Dynamics of uniform circular Motion. ❖ Center of mass. Unit - 6 ❖ Rotation about fixed axis. ❖ Torque and angular acceleration. ❖ Rotational kinetic energy and rotational inertia. ❖ Rotational dynamics of rigid body. ❖ Parallel axis thermo ❖ Angular momentum and angular impulse. ❖ Conservation of angular momentum. ❖ Center of mass of rigid body.	Unit- 1 ❖ Projectile Motion. ❖ Rotational Motion. ❖ Rotational Kinematics. ❖ Rotational dynamics. ❖ Newton's law of Universal gravitation.	
3	Unit - 3 Fluid Mechanics	Unit - 8 ❖ Elastic behavior.		Unit - 6 ❖ Air Pressure.

		❖ Fluid Statics. ❖ Fluid Dynamics.		❖ Fluid Pressure.
4	Unit - 4 Electromagnetism		Unit - 4 Electromagnetism	
5	Unit - 5 Basics Electronics		Unit - 5 Introduction to electronics.	
6		Unit - 1 Measurement and Practical Work		
7		Unit - 2 Vector quantities		Unit - 1 vectors
8		Unit - 3 Motion in a straight line		Unit - 2 Motion in a straight line
9		Unit - 4 Dynamics ❖ The force concept ❖ Basic laws of dynamics. ❖ Law of conservation of linear momentum and its application. ❖ Elastic and inelastic collisions in one and two dimensions. ❖ Momentum conservation in a variable mass system.		Unit - 3 Forces and Newton's laws of motion ❖ Forces in nature. ❖ Newton's second law. ❖ Frictional forces. ❖ Newton's third law. ❖ Conservation of linear momentum. ❖ Collisions.
10		Unit - 5 Work, energy and power		Unit - 4 Work, energy and power
11		Unit - 7 equilibrium		Unit - 3 ❖ The first condition of equilibrium.
12		Unit - 8 Properties of bulk matter ❖ Heat, temperature and thermal		Unit - 7 Temperature and heat

High School Physics Linkage (Grade 9 - Grade 12) to help grade 12 students to prepare for UEE.

		expansion.		
13				Unit - 5 Simple machine
14			Unit - 2 electrostatics	
15			Unit - 3 Current electricity	
16			Unit - 6 Electromagnetic waves and geometrical optics.	Unit - 8 Wave motion and sound