St. Francis Xavier's College
2026/2027
Physics
Course Outline

Level: F.5

Term: 1

Topic	Chapter
Mechanics	Uniform Circular Motion
	Gravitation
Astronomy and Space Science	Introduction to Astronomy
	Motions of Celestial Bodies under Gravity
	Stars and the Universe
Heat and Gases	Gases

Modes of Assessment and weighting:

Modes	Regular Tests	Assignment	Examination
Weights	10%	10%	80%

Term: 2

Topic	Chapter
Electricity and Magnetism	Electrostatics
	Electric Circuit
	Domestic Electricity
	Electromagnetism
	Electromagnetic Induction
Radioactivity and Nuclear Energy	Radiation & Radioactivity
	Atomic Structure & Radioactive Decay
	Nuclear Energy*
Wave Motions	Lenses

Modes of Assessment and weighting:

Modes	Regular Tests	Assignment	Examination
Weights	10%	10%	80%