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

**Level: F.4**

**Term: 1**

| Topic | Chapter |
|---|---|
| Mechanics | Motion 1 & 2 |
| | Force and motion 1 & 2 |
| | Moment of a force |
| | Work, energy and power |
| | Momentum |

Modes of Assessment and weighting:

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

**Term: 2**

| | |
|---|---|
| Mechanics | Projectile motion |
| Wave Motions | Nature of waves |
| | Wave phenomena & stationary waves |
| | Wave nature of light & EM waves |
| | Sound |
| | Lenses |
| Heat and Gases | Transfer processes |
| | Evaporation and condensation |

Modes of Assessment and weighting:

| Modes | Regular Tests | Assignment | Project | Examination |
|---|---|---|---|---|
| Weights | 10% | 10% | 5% | 75% |