St. Francis Xavier's College
2026-2027
Chemistry

Course Outline

Level: F.4

Term: 1

	Topics / Main Theme
1	Chemical bonding: ionic and covalent bonding
2	Structures and properties of substances
3	Occurrence and extraction of metals
4	Reactivity of metals
5	Corrosion of metals and their protection
6	Introduction to acids and alkalis

Term: 2

	Topics / Main Theme
1	Concentrations of solutions
2	Indicators and pH
3	Strength of acids and alkalis
4	Salts and neutralization
5	Volumetric analysis involving acids and alkalis
6	Hydrocarbons from fossil fuels
7	Consequences of using fossil fuels
8	Homologous series, structural formulae and naming of carbon compounds
9	Alkanes and alkenes
10	Addition polymers

Weighting percentage of different modes of assessment

First Term:

	Regular Test	Designated assignments	Term Exam
F.4	**10%**	**10%**	**80%**

Final Term:

	Regular Test	Designated assignments	Term Exam
F.4	**10%**	**10%**	**80%**