

St. Francis Xavier's College
2016/2017
Chemistry

Course Outline

Level: F.4

Term: 1

	Topics / Main Theme
1	Chemical bonding: 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
7	Concentrations of solutions

Term: 2

	Topics / Main Theme
1	Indicators and pH
2	Strength of acids and alkalis
3	Salts and neutralization
4	Volumetric analysis involving acids and alkalis
5	Hydrocarbons from fossil fuels
6	Consequences of using fossil fuels
7	Homologous series, structural formulae and naming of carbon compounds
8	Alkanes and alkenes
9	Addition polymers
10	Simple molecular substances with non-octet structures and shapes of simple molecules

Weighting percentage of different modes of assessment

First Term:

	Regular Test	Designated assignments	Term Exam
F.4	10%	nil	90%

Final Term:

	Regular Test	Designated assignments	Term Exam
F.4	10%	nil	90%