

St. Francis Xavier's College
2018/2019
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% | nil | 90% |

Final Term:

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