

<b>Subject:</b>	<b>Chemistry</b>		
<b>NCEA Level:</b>	<b>Two</b>		
<b>Teacher to Contact:</b>	<b>Mrs J Davidson</b>	<b>Code: CHE220</b>	

Standard		Title	Credits
AS 2.1	I	Carry out quantitative analysis.	4
AS 2.2	I	Carry out procedures to identify ions present in solution.	3
AS 2.4	E	Demonstrate understanding of bonding, structure and energy changes.	5
AS 2.5	E	Demonstrate understanding of properties of selected organic compounds.	4
AS 2.6	E	Demonstrate understanding of chemical reactivity.	4
AS 2.7	I	Demonstrate understanding of oxidation-reduction.	3

**E means the Achievement Standard is assessed externally at the end of the year.**

**I means the Achievement Standard is assessed internally.**

#### **What will I learn?**

Chemical behaviour and reaction, and attempt to explain how and what chemicals do. These processes are related to the environment, industries and everyday life.

#### **How will I learn?**

Through recording information, tests, assignments, exams, practical work, and analysing and interpreting data.

#### **What should I have already done?**

Completed NCEA Level 1 Science, and passed two external Achievement Standards in Level 1 Science. You should also have passed NCEA Level 1 Mathematics with at least 14 Achievement Standard credits.

#### **Where does the subject lead?**

This subject leads to NCEA Level 3 Chemistry, and is also a pre-requisite for many courses at tertiary institutions. This is also a valuable course for many trades and professions including electricians, plumbers and nurses.

#### **How is the course assessed?**

By internal and external Achievement Standards.

There are non-assessed components, eg assignments and laboratories.

#### **Other details: (costs, field trips etc)**

Stationery: lined refill pad, an A4 folder and write-on lab notes.

#### **End of course qualifications.**

Credits towards the National Certificate of Educational Achievement Level 2.