

Queen Margaret College
Year 12 Chemistry Programme 2019
Level 7 of the New Zealand Curriculum

Standard Number	Achievement Standard Title	Credits	Internal / External	Proposed assessment date
AS91167, 2.7	Demonstrate understanding of oxidation-reduction processes.	3	Internal	Term 1, Week 4-5
AS91165, 2.5	Demonstrate understanding of the properties of selected organic compounds.	4	External	School examinations
AS91161, 2.1	Carry out quantitative analysis.	3	Internal	Term 2, Week 5
AS91164, 2.4	Demonstrate understanding of bonding, structure, properties and energy changes .	5	External	School examinations
AS91166, 2.6	Demonstrate understanding of chemical reactivity .	4	External	Term 3, Week 8

- Assessment dates may be subject to slight variation

Course details

This course is designed to build an understanding of key chemistry concepts and to develop the necessary skills to investigate the structure and nature of matter and its potential for change. Three external achievement standards are offered, and these will be assessed by national examinations at the end of the year. These topics include Bonding, Structure, Properties and Energy Changes, Chemical Reactivity and Organic Chemistry. Two internal achievement standards are also offered: Quantitative Analysis and Oxidation-Reduction Processes. These topics are assessed in class during the regular school year.

Course Information

- Students are issued with a Study Guide which is to be returned at the end of the year
- Students are also issued with workbooks, which is charged to the student's account
- 2019 teachers are Miss Jessica Siácci and Mrs Stacey Garnett

Homework expectations

Your daughter should be learning at home for a total of at least 15 hours per week, across all subjects.

To achieve at a high level in this subject, students are expected to complete some homework during the week. Homework might include:

- Completing any unfinished classwork.
- Completing workbook/worksheet exercises.
- Going over classwork to identify any gaps in understanding which should be raised with the teacher in the following lesson.
- Pre-reading subject matter for upcoming lessons