Chemistry Matrix Levels 2 and 3

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| Level 2 | AS91910 2.1  Carry out a practical investigation into a substance present in a consumer product using quantitative analysis.  4 credits Internal | AS91911 2.2  Carry out an investigation into chemical species present in a sample using qualitative analysis.  3 credits Internal | AS91163 2.3  Demonstrate understanding of the chemistry used in the development of a current technology.  3 credits Internal | AS91164 2.4  Demonstrate understanding of bonding, structure, properties and energy changes.  5 credits External | AS91165 2.5  Demonstrate understanding of the properties of selected organic compounds.  4 credits External | AS91166 2.6  Demonstrate understanding of chemical reactivity.  4 credits External | AS91167 2.7  Demonstrate understanding of oxidation–reduction.  3 credits Internal |
| Level 3 | AS91387 3.1  Carry out an investigation in chemistry involving quantitative analysis.  4 credits Internal | AS91388 3.2  Demonstrate understanding of spectroscopic data in chemistry.  3 credits Internal | AS91389 3.3  Demonstrate understanding of chemical processes in the world around us.  3 credits Internal | AS91390 3.4  Demonstrate understanding of thermochemical principles and the properties of particles and substances.  5 credits External | AS91391 3.5  Demonstrate understanding of the properties of organic compounds.  5 credits External | AS91392 3.6  Demonstrate understanding of equilibrium principles in aqueous systems.  5 credits External | AS91393 3.7  Demonstrate understanding of oxidation-reduction processes.  3 credits Internal |