Chemistry Matrix Levels 2 and 3

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