



CHEMISTRY Level 2, CHE 222

AVONSIDE GIRLS' HIGH SCHOOL{PRIVATE }

COURSE STATEMENT 2009

LEARNING OUTCOMES

At the conclusion of the course students should be able to:

- To use the language of chemistry to describe, understand and predict chemical behaviour at the molecular level and demonstrate an understanding of the central concepts and patterns appropriate to the study of chemistry at this level.
- To carry out simple qualitative and quantitative investigations to obtain, interpret, and use a range of chemical information.
- To describe the production, properties and uses of groups of related substances and the ways they interact with people and the environment.

CONTENT

- Atomic structure, bonding and related properties.
- Chemical reactions including an understanding of reaction chemistry.
- Quantitative chemistry, including volumetric analysis.
- Organic chemistry includes reactions of hydrocarbons, alcohols, esters and polymers.
- Qualitative analysis
- Thermochemistry, including rates of reaction, and equilibria, including acids and bases.

REASSESSMENT

There will be no re-assessment opportunities for AS90305 or AS90306. Any necessary re-assessment for AS90763 will be held during class time the week following the initial assessment. Where a reassessment opportunity is offered it will be available to all eligible students regardless of the level of achievement in the first assessment.

APPEALS

Any queries about an assessment decision should be made to your class teacher when the assessment is handed back. Any formal appeals should be made, within one week of the assessed work being returned, to Teacher-in-Charge of Chemistry, Mrs M Daines or to the Principal's Nominee, Ms M Lynch (Term 1) or Mrs P Butler (Term 2 onwards). Work done in pencil or which has 'white-out' corrections cannot be reconsidered for appeals. Appeals need to be made within one school week of receiving a result.

STUDENT ASSESSMENT RECORD SHEET

INTERNAL	ASSESSMENT DATE	GRADE	CREDITS GAINED
90305 (V2) 3 credits Practical assessment Carry out qualitative analysis:	16 – 20 Mar		
90763 (V2) 2 credits Written assessment Solve simple quantitative problems.	8 – 12 Jun		
90306 (V2) 3 credits Practical assessment Perform an acid-base volumetric analysis.	21 – 25 Sep		

EXTERNAL	END-OF-TOPIC TEST	SCHOOL EXAM
AS90308 (V2) 4 credits Describe the nature of structure and bonding in different substances:		
AS90310 (V2) 5 credit Describe thermochemical and equilibrium principles.		
AS90309 (V2) 4 credits Describe the structural formulae and reactions of compounds containing selected organic functional groups.		