

## CHE-5062 Concepts

<b>General Concepts</b>	<b>Compulsory Concepts</b>
Reaction rate	<ul style="list-style-type: none"><li>• Factors that influence the reaction rate</li><li>• Rate law</li></ul>
Chemical equilibrium	<ul style="list-style-type: none"><li>• Factors that influence the state of equilibrium</li><li>• Le Châtelier's principle</li><li>• Equilibrium constant</li></ul> Relationship between the pH and the molar concentration of hydronium and hydroxide ions

## Techniques

<b>Categories of Techniques</b>	<b>Techniques</b>
Laboratory work	<ul style="list-style-type: none"><li>• Safely using laboratory materials and equipment</li><li>• Preparing solutions</li></ul>

Measurement	<ul style="list-style-type: none"><li>• Checking the reliability, accuracy and sensitivity of measuring instruments</li><li>• Interpreting measurement results (significant figures, measurement errors)</li></ul>
-------------	--

- Checking the reliability, accuracy and sensitivity of measuring instruments
- Interpreting measurement results (significant figures, measurement errors)