




# CHEMIST IN LABORATORY I - CHEMISTRY (SCIO3121)

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| <b>Introduction</b>               | <p>After learning the steps of doing scientific inquiry in this online learning programme, you will be well prepared for another online learning programme, Introduction to analytical Chemistry and Quantitative Analysis (SCIO3122)</p> <p>The programme aims to:</p> <ul style="list-style-type: none"> <li>■ Stimulate student members to think about what science is logically and its limitation;</li> <li>■ Deepen the concept of the nature of science in Chemistry-related contexts;</li> <li>■ Develop student members' ability to make scientific inquiries, think scientifically, critically and creatively.</li> </ul>  |
| <b>Programme Type / Level</b>     | Online Learning Programme in Chemistry (Level 3) ( <a href="#">Non Token-required</a> )  |
| <b>Writer</b>                     | Ms. Kam Lam CHAN   |
| <b>Target Participants</b>        | <p>➤ S1 to S6 HKAGE student members</p> <p>* Students who fail the online programme can enrol in it again in the next quarter. (Quarter ONE : 2 April – 30 June; Quarter TWO: 2 July – 30 Sep; Quarter THREE: 2 Oct – 30 Dec; Quarter FOUR: 2 Jan – 30 Mar).</p>   |
| <b>Medium of Instruction</b>      |  English  |
| <b>Intended Learning Outcomes</b> | <p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> <li>1. Be familiar with the steps of discovering new knowledge in Chemistry through Scientific Inquiry (SI): Make careful observation, ask relevant questions, identify problems, formulate hypothesis for investigation, design experiments and draw conclusion from experimental results;</li> <li>2. Develop scientific literacy after understanding the true meaning of scientific terms (e.g. observation, inference, hypothesis, theory and law in scientific report); and</li> <li>3. Understand the difficulties faced by chemists and challenges come from professional scholars / the society when carrying out SI.</li> </ol> |
| <b>Duration</b>                   | 16 hours   |
| <b>System Requirement</b>         | Browser: IE 8 OR above; Firefox 6 OR above; Safari<br>Screen resolution: 1024x768  |
| <b>Application Procedure</b>      |  <ol style="list-style-type: none"> <li>1. Click "<a href="#">HERE</a>" to go to online application platform</li> <li>2. Complete and submit the online application form</li> <li>3. You and your parent will receive the Online Application Confirmation email from our system</li> <li>4. Click "<a href="#">HERE</a>" to access to the moodle platform</li> <li>5. Use the USERNAME and PASSWORD indicated in the email to login</li> <li>6. You may start now!</li> </ol>   |
| <b>Remarks</b>                    | <ul style="list-style-type: none"> <li>● You have to pass the online test in order to complete the course by attempting <b>ONCE</b> only.</li> <li>● A tick next to an activity name may be used to indicate when the activity is complete. If a box with a solid border is shown, please click it to tick the box when you think you have completed the activity. (Clicking it again removes the tick if you change your mind.)</li> </ul>  |
| <b>Enquiries</b>                  |  For enquiries, please contact us at 3940 0101 after language selection, press "1".   |