Professional Practice in Chemistry

教學實習



DEPARTMENT OF MEDICINAL AND APPLIED CHEMISTRY

Classroom Role and Responsibilities

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認定在課堂的身分

- **As a graduate student 修習課程的學生:**

Learning through Teaching 透過擔任助教學習:

-- Re-examining the basic knowledge and skills

藉由教學: 重新檢視基本動作

-- Upgrading your presentation

藉由教學: 提升表達能力

- **As a teacher 課堂中的助教 (也有老師的角色):**

Teaching through example 身教重於言教:

--You are the (teaching) team member 你是教學團隊中的一員

--You are the role model 你是學生的榜樣

Respect cannot be given, you have to earn it (Kung Fu Panda) 贏得尊重



- **Respect for and Compliance with Lab Rules**

尊重實驗室規則:

Thumb rule: Safety First!!

最重要的是: 安全第一!!

→ Good Attitudes 請以良好的教學態度參與

→ Correct Skills 請學習正確的技巧

→ Nice Atmosphere 請創造和諧的教室氣氛

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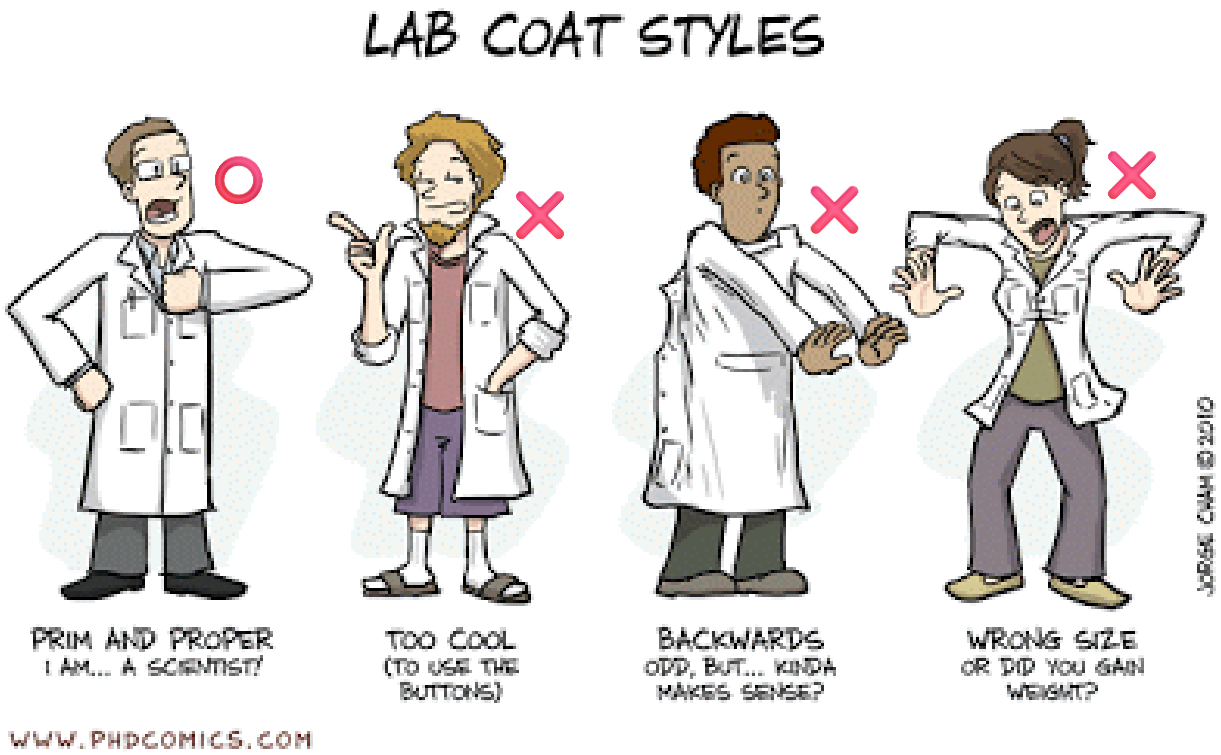
Without proper attire, you will be asked to leave!!

未遵守服裝規定者，不得進入實驗室





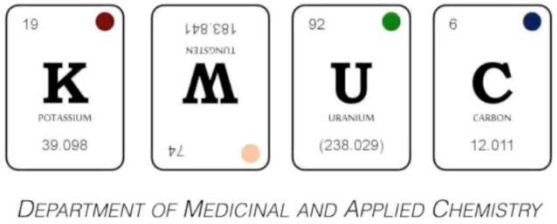




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- **Respect the team 尊重教學團隊：正確的實驗技能 Correct Skills**

→如果對實驗課流程有其他意見, 請先與恆誼討論！ If you have different opinions or suggestions about the process, please discuss with Heny first



請不要隨意要求學生更改流程或是實驗方法！

如果發現自己講錯了， 請記得盡快向學生更正。

Do not directly change the procedures yourself.

If you tell the wrong things, please correct it ASAP.

Thumb rule: Safety First !!
最重要的是: 安全第一!!

- **Respect Students 尊重學生：製造和諧的學習氣氛 Nice Atmosphere**

請記得學生有潛能學習，因此尊重他們的想法

Remember they have potentials and respect their thought first.

以正向字眼教導，如果有哪個學生需要指正，

請以禮貌尊重的方式，不要用帶有批判性的字眼！

Use positive words to instruct them.

If you want to correct someone, please be more polite.

請常常到處巡視實驗室，

不要只是坐著聊天發呆玩手機！

Usually walk around the lab,

not just sit and chat with others.

What can you do？你可以作什麼？

1. Confirm that the students‘ experimental procedures are correct and confirm that they are conducting the experiment in the hood.

   確認學生實驗步驟是正確的，確認他們在通風櫃中進行實驗。

2. If they feel nothing to do, discuss with them what they can do.

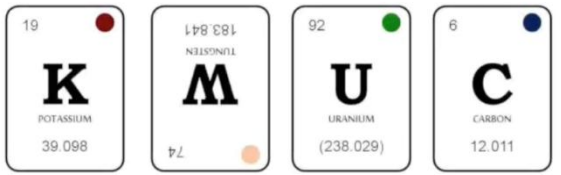
   如果有人無所事事，請與他們討論他們可以怎麼分工，可以作什麼！

3. If their reactions or records are different from others, please check their procedures.

   如果他們的反應或數據與其他組不同，請幫助他們了解不同之處。

4. Always watch out their dress code, especially remind them to wear the goggle.

   注意學生是否以安全的裝置與服裝作實驗。



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熟悉安全設備

Familiar with the Safety Equipment

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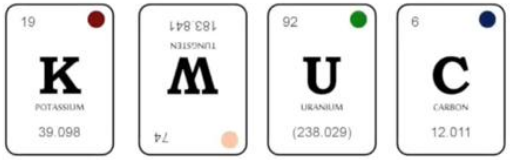








If an accident happens…..
如果發生意外…



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- **Always prioritize their safety first, and then ask what happened.**
  先確認人身安全，再詢問意外發生原因。

- **Teach them, but not make them feel guilty.**
  教導他們，但並非製造他們的罪惡感。

- **Remember they can learn from their fault safely. So use a gentle way to point out their mistakes.**
  在錯誤中學習，請用溫和與鼓勵的態度指正他們。

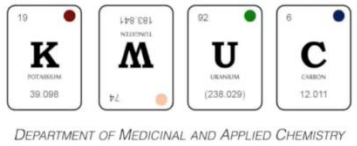
教學實習規範

TA Guideline



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Prerequisite : following TA rules listed below



助教規範

- 1. Be On time！ 準時不遲到！
- 2. Observing the dress code in the lab。
  遵守實驗服裝規定。
- 3. Familiar with the weekly experiment, including the principles, methods and the processes.
  熟悉當週的實驗: 包括定理，方法與過程。
- 4. Being responsibility for the lab security: ensuring that safety standards are followed by “EVERYONE”.
  That means you need to ask yourself to follow the rules first, and then ask students to follow.
  盡心維護實驗室”每個人”的安全—意思是:
  先要求自己遵守安全規範 ; 再要求學生遵守。

★ 會提供助教實驗衣。
Teaching assistants will be provided with lab coats.

★ 請勿將實驗衣借給學生穿著，
以免誤認為助教。
Please do not lend lab coats to students, so as to avoid them being mistaken for teaching assistants.

★ 第二學期結束會收回清洗。
At the end of the second semester, all lab coats will be collected and washed.

★ 若珍藏實驗衣，一件800元。
If you would like to keep the lab coat as a souvenir, it costs NTD 800.

★ 如有名字寫在實驗服上，請自行清除；
否則，將被視為購買行為。
If your name is written on the lab coat, please remove it yourself; otherwise, the lab coat will be considered purchased.