

Schedule for 2310221

LABORATORY PRACTICE AND REPORT WRITING (1 credits)

Second semester (2022)

Time: TU 09.00 - 11.00

Coordinator: Saowarath

Room: 521 (SC10) : นิสิตปี 2 ประมาณ 38 คน

| Topic | Lect | Lab | Date | 1st Instructor | 2nd Instructor |
|---|------|-----|--------------|----------------|-----------------|
| Laboratory safety and chemical guidelines - Chemical and biological safety guideline - Chemical storage - Waste characterization and management | 2 | | 10 ม.ค.66 | Saowarath | |
| Workshop on Safety Guidelines, MSDS, and labels | | 2 | 17 ม.ค. | Saowarath | Tanakarn |
| Workshop on Waste characterization | | 2 | 31 ม.ค. | Saowarath | Tanakarn |
| Water quality for laboratories | 1 | | 7 ก.พ. | Saowarath | |
| Workshop on Water purification system | | 1 | 7 ก.พ. | Thara (504) | Khamthorn (603) |
| Basic concepts in scientific methods - Questions, hypothesis, experimental designs, discussions and conclusions | 2 | | 14 ก.พ. | Rath | |
| Basic calculation for general laboratory - Units of measurement and change of units - Calculation for solution preparation - Common acids and bases | 2 | | 21 ก.พ. | Rath | Karan |
| - Workshop on calculation | | 2 | 28 ก.พ. | Rath | Karan |
| Mid-term examination ในช่วง 7 - 13 มี.ค. 2566; 13 มี.ค. 2566 เวลา 13:00-15:00 น. | | | | | |
| Basic procedures : measurement of weights and volumes - Safe and appropriate use - Calibration, cleaning, and care - Precision, accuracy, sensitivity, and reliability | 4 | | 14, 21 มี.ค. | Tanakarn | |
| Data treatment | | | | | |
| - Uncertainty in measurement, significant figures | 2 | | 28 มี.ค. | Alisa | |
| - Homework on data treatment | 2 | | 4 เม.ย. | Alisa | |
| Report Writing | | | | | |
| - Format of full report writing - How to write a good report | 2 | | 11 เม.ย. | Alisa | |
| - Workshop on writing experimental result | | 2 | 18 เม.ย. | Alisa | Tanakarn |
| Final examination สอบในช่วงสัปดาห์ 8 - 19 พฤษภาคม 66; 8 พ.ค. 2566 เวลา 8:30-10:30 น. | | | | | |

กีฬามหาวิทยาลัย
21 -30 ม.ค.66

