

Schedule for 2310221						
Online	LABORATORY PRACTICE AND REPORT WRITING (1 credits)					
	Second semester (2021)					
	Time: TU 09.00 - 11.00	Coordinator: Saowarath				
Room: online						
Microsoft Teams: 2310221 Lab Prac Rep Writ.Group						ห้องเรียน 301 อาคาร Sci05
QR Code						
Topic	Lect	Lap	Date	1st Instructor	2nd Instructor	รูปแบบการเรียนการสอน
Laboratory safety and chemical guidelines - Chemical and biological safety guideline - Chemical storage - Waste characterization and management	2		11Jan	Saowarath		On-Line (Microsoft teams; MTs)
Workshop on Safety Guidelines, MSDS, and labels		2	18Jan	Saowarath	Tanakarn	On-Line (MTs)
Workshop on Waste characterization		2	25Jan	Saowarath	Tanakarn	On-Line (MTs)
Water quality for laboratories	1		1Feb	Saowarath		On-Site
Workshop on Water purification system		1	1Feb	Thara (504)	Khamthorn (603)	On-Site
Basic concepts in scientific methods - Questions, hypothesis, experimental designs, discussions and conclusions	2		8Feb	Rath		On-Site
Basic calculation for general laboratory - Units of measurement and change of units - Calculation for solution preparation - Common acids and bases	2		15Feb	Rath		On-Site
- Workshop on calculation		2	22Feb	Rath		On-Site
Mid-term examination 7 - 11 Mar 2022: 7 Mar 2565 (13:00-15:00)						
Basic procedures : measurement of weights and volumes - Safe and appropriate use - Calibration, cleaning, and care - Precision, accuracy, sensitivity, and reliability	4		1,15Mar	Tanakarn		On-Line (MTs)
Data treatment						
- Uncertainty in measurement, significant figures	2		22Mar	Alisa		On-Line (MTs)
- Homework on data treatment	2		29Mar	Alisa		On-Line (MTs)
Report Writing						
- Format of full report writing - How to write a good report	2		5Apr	Alisa		On-site
- Workshop on writing experimental result		2	12Apr	Alisa	Tanakarn	On-site
Final examination 9 - 24 May 2022: 9 May 2565 (8:30-10:30)						

