

Schedule for 2310381
 BIOCHEMISTRY LABORATORY FOR BIOENGINEERINGS (1 credit)
 Second semester (2020)

Time: Thursday 9.00 - 12.00

Lab brief (VDO clip)

Room: Computer room/Klum Watcharabol Bldg. 504 Co-ordinator: Supaart Sirikantaramas (supaart.s@chula.ac.th)

Online platform: Microsoft Team "2310381_2020"; TEAM CODE: **quqfgdl**

Topic	Date	Instructor	Place
Orientation	21-Jan	Supaart	Online
1. Structural analysis (I)	28-Jan	Kuakarun, Surasak	Online
2. Structural analysis (II)	4-Feb	Surasak, Kuakarun	Computer room
Discussion (1 and 2, LIVE)	11-Feb	Kuakarun, Surasak	Online
3. Bioinformatics	18-Feb	Teerapong, Thanyada	Computer room
Discussion (3)	4-Mar	Teerapong	Online
Mid-term examination 25% (computer-based): TBA (Lab 1 to 3)			
4. Protein	18-Mar	Suchart, Tanakarn	Room 504
5. Enzyme	25-Mar	Supaart, Manchumas	Room 504
6. Carbohydrate metabolism	1-Apr	Saowarath, Nuchanat	Room 504
Discussion (4, 5 and 6)	8-Apr	Suchart, Supaart, Saowarath	Online
7. PCR (+discussion)	22-Apr	Vorrapon, Anchalee	Room 504
8. Basic genetic engineering techniques (+discussion)	29-Apr	Vorrapon, Anchalee	Room 504
9. Gene regulation (+discussion)	6-May	Kittikhun, Anchalee	Room 504
Final examination 40% (written exam): TBA; Lab 4 to 9			

รูปแบบการสอนตั้งแต่เดือน Feb จะประกาศจากจฟ้าฯ อีกครั้ง
 (From Feb onwards, the teaching method will be announced soon.)

Quiz 5% online or onsite

Attendance 5%

Performance 5%

Report 20% Submit via Team