

Online (before midterm)

Schedule for 2310381

BIOCHEMISTRY LABORATORY FOR BIOENGINEERINGS (1 credit)

Second semester (2021)

Lab brief (VDO clip)

Time: Thursday 9.00 - 12.00		Lab brief (VDO clip)	
Room: Computer room/Klum Watcharobol Bldg. 603		Co-ordinator: Supaart Sirikantaramas (supaart.s@chula.ac.th)	
Online platform: Microsoft Team ""2310381_Biochem Lab Bioeng_2021"; TEAM CODE: 3wa177s			
Topic	Date	Instructor	Place
Orientation	13-Jan	Supaart	Online
1. Structural analysis (I)	20-Jan	Kuakarun, Thanyada	Online
2. Structural analysis (II)	27-Jan	Thanyada, Kuakarun	Online
Discussion (1 and 2, LIVE)	3-Feb	Kuakarun, Thanyada	Online
3. Bioinformatics	10-Feb	Teerapong, Thanyada	Online
Discussion (3)	17-Feb	Teerapong	Online
Mid-term examination 25% (computer-based): 3-Mar (Lab 1 to 3)			
4. Protein	10-Mar	Tanakarn, Kunlaya	Room 603
5. Enzyme	17-Mar	Supaart, Manchumas	Room 603
6. Carbohydrate metabolism	24-Mar	Saowarath, Pawinee	Room 603
Discussion (4, 5 and 6)	31-Mar	Tanakarn, Supaart, Saowarath	Online
7. PCR	7-Apr	Vorrapon, Pattana	Room 603
8. Basic genetic engineering techniques	21-Apr	Vorrapon, Pattana	Room 603
9. Gene regulation	28-Apr	Kittikhun, Anchalee	Room 603
Discussion (7, 8 and 9)	5-May	Vorrapon, Kittipon	Online
Final examination 40% (written exam): TBA; Lab 4 to 9			

Quiz 5%

Attendance 5%

Performance 5%

Report 20%

