

# Laboratory Schedule

CHEN3010/ CHEN5040 - Chemical Reaction Engineering - S1 2024

Table 1: List of experiments Experiments

Experiment No.	Title
1	Batch saponification reaction of Et(Ac) and NaOH
2	Reaction rate constant using a tubular reactor
3	Study of sucrose inversion using catalytic reactor
4	Effect of throughput on conversion using tubular reactor
5	Determination of the residence time in a CSTR

Table 2: List of Sessions

Session Number	Day	Time
1	Monday	09:00 - 12:00
2	Monday	13:00 - 16:00
3	Monday	13:00 - 16:00
4	Tuesday	09:00 - 12:00
5	Tuesday	09:00 - 12:00
6	Tuesday	13:00 - 16:00

Table 3: List of Demonstrators

Name	Initials
Eathan Adam	EA
Himanshu Patel	HP
Mitch Craig	MC
Paria Sadeghi	PS
Ruturaj Sawant	RS

Table 4: Lab schedule session 1

Ses- sion	Group	Students	Week 12 18-Mar	Week 13 25-Mar	Week 14 1-Apr	Week 15 8-Apr	Week 16 15-Apr	Week 17 22-Apr	Week 18 29-Apr	Week 19 6-May	Week 20 13-May
1	1-1	Sandra Jo Yeonhui Kim Fahad Rahman Kuttukkanakath	Exp. 1			Exp. 2			Exp. 3		
1	1-2	Catherine Lee Chamara Sampath Mahadurage Regina Markhabullina	Exp. 4			Exp. 5			Exp. 1		
1	1-3	Yash Meghani Similoluwa Oladehinde Vedant Rajeshkumar Patel	Exp. 2			Exp. 3			Exp. 4		
1	1-4	Camilo Picon Prada Ashwin Thampi Saratchandran Rajitha Marah Faye Martinez	Exp. 5			Exp. 1			Exp. 2		
1	1-5	Florian Mitteregger Dhan Kumar Rai Xingjian Xie	Exp. 3			Exp. 4			Exp. 5		

Demonstrators: EA, PS, RS

Table 5: Lab schedule session 2

Ses- sion	Group	Students	Week 12 18-Mar	Week 13 25-Mar	Week 14 1-Apr	Week 15 8-Apr	Week 16 15-Apr	Week 17 22-Apr	Week 18 29-Apr	Week 19 6-May	Week 20 13-May
2	2-1	Sadana Rasmin Karunarathne Aturugiriyage Don Willem Di Prinzio Mark Lu	Exp. 1			Exp. 2			Exp. 3		
2	2-2	Yusuph Mtafuni Anita Mukasa Jordan Rowe	Exp. 4			Exp. 5			Exp. 1		
2	2-3	Leah Sidaway Dinuka Induwara Ariyawansa Alex Foster	Exp. 2			Exp. 3			Exp. 4		
2	2-4	Sheanesu Praise Fungura Joseph Kron Fang-Tzu Lin	Exp. 5			Exp. 1			Exp. 2		
2	2-5	Yuchen Zheng Blake Hillier	Exp. 3			Exp. 4			Exp. 5		

Demonstrators: HP, MC, PS

Table 6: Lab schedule session 3

Ses- sion	Group	Students	Week 12 18-Mar	Week 13 25-Mar	Week 14 1-Apr	Week 15 8-Apr	Week 16 15-Apr	Week 17 22-Apr	Week 18 29-Apr	Week 19 6-May	Week 20 13-May
3	3-1	Maverick Cake Jake Carpenter Sharon Wan Pei Chua		Exp. 1				Exp. 2		Exp. 3	
3	3-2	Hannah Finlay Tim Giraudo Loralie Graesslin		Exp. 4				Exp. 5		Exp. 1	
3	3-3	Sara Kenawy Jerome Leung Kai Liew		Exp. 2				Exp. 3		Exp. 4	
3	3-4	Anna Luong Lily Luu Matthew Pereira		Exp. 5				Exp. 1		Exp. 2	
3	3-5	Marcus Poh Eloise Thompson Fanciulli Matthew Sisson		Exp. 3				Exp. 4		Exp. 5	

Demonstrators: HP, MC, PS

Table 7: Lab schedule session 4

Ses- sion	Group	Students	Week 12 18-Mar	Week 13 25-Mar	Week 14 1-Apr	Week 15 8-Apr	Week 16 15-Apr	Week 17 22-Apr	Week 18 29-Apr	Week 19 6-May	Week 20 13-May
4	4-1	Neve Annett Hudson Campbell Joshua Carriera	Exp. 1			Exp. 2			Exp. 3		
4	4-2	Joshua Farrow Cameron Frost Justin Harrison	Exp. 4			Exp. 5			Exp. 1		
4	4-3	Andile Juru Samuel Pearce James Rex	Exp. 2			Exp. 3			Exp. 4		
4	4-4	Tom Smith Zachary Smith Ryan Stojanovski	Exp. 5			Exp. 1			Exp. 2		
4	4-5	Christopher Thomas Adriano Todoro Lam Phuc Khang Tran	Exp. 3			Exp. 4			Exp. 5		

Demonstrators: EA, HP, PS

Table 8: Lab schedule session 5

Ses- sion	Group	Students	Week 12 18-Mar	Week 13 25-Mar	Week 14 1-Apr	Week 15 8-Apr	Week 16 15-Apr	Week 17 22-Apr	Week 18 29-Apr	Week 19 6-May	Week 20 13-May
5	5-1	Cosima Biagioni Jeanelle Canada Brice Chapman		Exp. 1				Exp. 2		Exp. 3	
5	5-2	Savannah Frame Liam Fu Thien Phuc Khuong		Exp. 4				Exp. 5		Exp. 1	
5	5-3	Lucille Lobo Praveen Nagarajan Tahni Rowe		Exp. 2				Exp. 3		Exp. 4	
5	5-4	Alexander Santoro Vesakhan Ratna Satkunabalan William Staykov		Exp. 5				Exp. 1		Exp. 2	
5	5-5	Jayden Tang Thanh Tu Thai Mitchell Tsapazi		Exp. 3				Exp. 4		Exp. 5	

Demonstrators: EA, HP, PS

Table 9: Lab schedule session 6

Ses- sion	Group	Students	Week 12 18-Mar	Week 13 25-Mar	Week 14 1-Apr	Week 15 8-Apr	Week 16 15-Apr	Week 17 22-Apr	Week 18 29-Apr	Week 19 6-May	Week 20 13-May
6	6-1	Blake Batten Janina Bauer Khanh Van Diep		Exp. 1				Exp. 2		Exp. 3	
6	6-2	Jesse Graham Vanessa Khoo Samantha Macfarlane		Exp. 4				Exp. 5		Exp. 1	
6	6-3	Kimberly Mapeto Manya Nayak Mihir Pareek		Exp. 2				Exp. 3		Exp. 4	
6	6-4	Tara Parker Cale Tierney Thi Truong		Exp. 5				Exp. 1		Exp. 2	
6	6-5	Jack Willis Abdiaziz Ahmed Ben Mumme		Exp. 3				Exp. 4		Exp. 5	

Demonstrators: HP, MC, RS