

**SCCT226: Building Molecules**

**Instructors:** Aj. Chutima Jiarpinitnun (Co-Ordinator)  
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**Scientists:** Ms. Natthapat sawekteeratana and Mr. Saral Yimmongkol

**Lab:** SC4-304      **Lab Brief:** SC4-302

**Time:** 9.00-12.00

**Tentative Schedule:**

Week	Date	Experiment	Corresponding Staff
1	6 August	<b>Submission of MU-Lab Pass</b>	CJ
2	13 August	<b>Orientation / Check-in (CJ)</b>	CJ
3	20 August	<b>Tools for chemical research</b>	CJ
4	27 August	<b>Lab: Column Chromatography</b> Lab Brief and Quiz Experiment and Data collection	TT
5	3 September	<b>Lab: Column Chromatography</b> Discussion and Data Interpretation	TT
6	10 September	<b>Lab: Esterification</b> Lab Brief and Quiz Experiment and Data collection	DS
7	17 September	<b>Lab: Esterification</b> Discussion and Data Interpretation	DS
8	24 September	<b>Midterm Exam</b>	All Staff
9	1 October	<b>Midterm Week</b>	
10	8 October	<b>Lab: Cannizzaro reaction</b> Lab Brief and Quiz Experiment and Data collection	CK
11	15 October	<b>Lab: Cannizzaro reaction</b> Discussion and Data Interpretation	CK
12	22 October	<b>Lab: Synthesis of DEET</b> Lab Brief and Quiz Experiment and Data collection	AC
13	29 October	<b>Lab: Synthesis of DEET</b> Discussion and Data Interpretation	AC
14	5 November	<b>Review Basic techniques in organic syntheses</b>	CJ
15	12 November	<b>Practical Exam</b>	CJ/Scientist
16	19 November	<b>Check-out</b>	CJ/Scientist
17	26 November	<b>Class Evaluation</b>	CJ/Scientist

