



Course Syllabus (Academic Year 2021)

School of Interdisciplinary Studies, Kanchanaburi Campus, Mahidol University

- 1. Course No. and Title** : KAFT 454 Industrial Plant Study
Credit (study hours) : 1(0-3-1)
- 2. Program Name** : Bachelor of Science in Food Technology
- 3. Course Module** : Specific Core Course, Required Subject
Pre/co-requisite : KAFT 354
- 4. Class Semester** : 1st Semester Academic Year 2021
- 5. Class Schedule & Venue** : Field trip on every Wednesday in August and September 2021
- 6. Class Coordinator** : Dr. Natteewan Udomsil (081-7249641)
Room : L217 Email : paeng888@hotmail.com

7. Course Description

Visiting food factories at least 8 plants; following rules of the visit; summarize the knowledge from visiting and write the report; critical thinking

8. Course Objectives / Course Learning Outcomes (CLOs)

No.	Objectives / CLOs	Expected Skills / Knowledge			PLOs
		Specific	Generic	Knowledge	
8.1	Describe and discuss overall process of food production	-	G12	K2,K3,K7-K10,K13	1
8.2	Conduct knowledge of food technology for food industry	-	G12	K2,K3,K7-K10,K13	1

Note: G12, live-long learning; K2, food Chemistry; K3, food processing; K7, food safety; K8, food microbiology; K9, QC&QA; K10, food sanitation; K13, waste management

9. Class Instructor List

Dr. Amnat Jarerat (AJ)	E-mail: amnat.jar@mahidol.edu
Assoc. Prof. Rungtiwa Wongsagonsup (RW)	E-mail: kookple@hotmail.com
Dr. Natteewan Udomsil (NU)	E-mail: paeng888@hotmail.com
Dr. Jarupat Luecha (JL)	E-mail: jarupat.lue@mahidol.edu
Dr. Renoo Yenket (RYK)	E-mail: ryenket@gmail.com
Dr. Chutikarn Kapcum (CK)	E-mail: kapcum.chu@gmail.com
Aj. Ronnachai Yoddumnern (RY)	E-mail: ronnachai_y@hotmail.com
Dr. Patnarin Benyathiar (PB)	Email: ohnarin@gmail.com

10. Course Outline

Day	Date/Month	Contents*	CLOs	Instructor's Names
1	25 th October 2021	Visit food industrial plant	8.1, 8.2	Instructor in list
2	26 th October 2021	Visit food industrial plant	8.1, 8.2	Instructor in list
3	27 th October 2021	Visit food industrial plant	8.1, 8.2	Instructor in list
4	28 th October 2021	Visit food industrial plant	8.1, 8.2	Instructor in list
5	29 th October 2021	Visit food industrial plant	8.1, 8.2	Instructor in list

Note: Visit food industry plant at least 1-2 plant/day and name of industry plant will be announced later

11. Course Assessment

No.	Methods / Activities	Regulations	CLOs	Week	Weight Distribution (%)
11.1	Writing report	Individual report	8.1, 8.2	Last week in September	80
11.2	Field trip participation	Instructor evaluation of field trip participation	8.1, 8.2	Last week in September	20
				Total	100

12. Grading System

Grade	Score
S	$\geq 60\%$
U	$< 60\%$

S, Satisfied; U, Unsatisfied