



## SCHOOL OF INDUSTRIAL TECHNOLOGY

## INSTRUCTIONAL PLAN

**Course** : IMK407/3 FOOD SAFETY  
**Semester** : SEMESTER I, ACADEMIC SESSION 2020/2021

**Note:** Due to the Conditional Movement Control Order in 2020 issued by the Malaysian Government, teaching and learning have been moved online, and the final examination ("Peperiksaan Akhir" or PA) has been replaced with coursework assessment.

<b>Lecture time</b>	Tuesday (11.00 – 12.50 a.m. DK M), Wednesday (10.00 – 10.50 p.m. BT 150)
<b>Tutorial time</b>	-

\* All teaching and learning sessions will be conducted online.

No.	Lecturer	Email address	Teaching load
1.	Dr. Musfirah Zulkurnain	musfirah.z@usm.my	1.5
2.	Dr Norlia Mahror	norlia.mahror@usm.my	1.5

No.	Course Learning Outcomes (CLO)	PO <sup>*</sup>	LT <sup>1</sup>	SS <sup>2</sup>	Assessment Method <sup>3</sup>
1.	Describe physical, chemical, and biological hazards, route of contamination and method of controlling.	PO1	C5	-	Test (13), discussion
2.	Evaluate the conditions, including sanitation practices, under which relevant pathogenic microorganisms are commonly controlled in foods and appropriate environmental sampling techniques.	PO3	C5	CTPS5	Test (13), discussion
3.	Describe orally on food safety plan in group presentation.	PO4	A4	CS4	Presentation (53)
4.	Demonstrate autonomy learning in designing a food safety plan including pre-requisite program and HACCP for the manufacture of a specific food.	PO7	A5	LL2	Assignment (03), presentation (53)

\* Programme Outcome

<sup>1</sup> Learning Taxonomy

<sup>2</sup> Soft Skill

<sup>3</sup> The final examination (40%) has been replaced by coursework assessment only (Test = 2 x 20%).

Week	Date	Lecturer	Topics	Assessments	CLO
1.	13/10/2020	Dr. Musfirah	<b>Introduction:</b> Food Safety Overview of the course, course outcomes, course content, and course assessment.		CLO1
	14/10/2020	Dr. Musfirah	<b>Food Hygiene Regulations 2009</b>		CLO1
2.	20/10/2020	Dr. Musfirah	<b>Food safety plan</b>		CLO1, CLO4
	21/10/2020	Dr. Musfirah	<b>Pre-requisite programme (PRP) - GMP</b>		CLO1, CLO4
3.	27/10/2020	Dr. Musfirah	<b>Hygiene plan design, surface &amp; corrosion</b>	Discussion	CLO1, CLO4
	28/10/2020	Dr. Musfirah	<b>Soil &amp; water</b>		CLO1, CLO2
4.	03/11/2020	Dr. Musfirah	<b>Detergents</b>		CLO1, CLO2
	04/11/2020	Dr. Musfirah	<b>Sanitizers</b>		CLO1, CLO2
5.	10/11/2020	Dr. Musfirah	<b>Cleaning &amp; sanitation</b>		CLO1, CLO2
	11/11/2020	Dr. Musfirah	<b>Personal hygiene &amp; general hygiene</b>		CLO1, CLO4
6.	17/11/2020	Dr. Musfirah	<b>Pests control</b>		CLO1, CLO4
	18/11/2020	Dr. Norlia	<b>Hazards</b>		CLO1
7.	24/11/2020	Dr. Norlia	<b>Food toxicology</b>		CLO1
	25/11/2020	Dr. Norlia	<b>Food allergen</b>		CLO1
8.			<b>SEMESTER BREAK</b>		
9.	08/12/2020	Dr. Musfirah /Dr. Norlia	<b>Presentation</b>	Presentation	CLO3
	9/12/2020	Dr. Musfirah /Dr. Norlia	<b>Presentation</b>	Presentation	CLO3
10.	15/12/2020	Dr. Musfirah /Dr. Norlia	<b>Presentation</b> Submission of assignment 1	Assignment, Presentation	CLO3
	16/12/2020	Dr. Musfirah	<b>TEST 1</b>	Test	CLO1&2
11.	22/12/2020	Dr. Hayati	<b>Guess lecture - Packaging: Food safety concern</b>		CLO1
	23/12/2020	Dr. Norlia	<b>HACCP plan (1)</b>		CLO1, CLO4
12.	29/12/2020	Dr. Norlia	<b>HACCP plan (2)</b>	Discussion	CLO1, CLO4
	30/12/2020	Dr. Norlia	<b>Environmental monitoring</b>		CLO2
13.	05/01/2021	Dr. Tan Thuan Chew	<b>Guess lecture - Food defense</b>		CLO1, CLO4
	06/01/2021	Dr. Norlia	<b>Risk Analysis</b>		CLO1, CLO4
14.	12/01/2021	MOH officer	<b>Guess lecture - Food Safety Certifications (GMP, HACCP, Mesti, BeSS, Trust MyCatering, Food Defense Certification)</b>		CLO1, CLO4
	13/01/2021	Dr. Musfirah /Dr. Norlia	<b>Presentation</b>	Presentation	CLO3
15.	19/01/2021	Dr. Musfirah /Dr. Norlia	<b>Presentation</b>	Presentation	CLO3
	20/01/2021	Dr. Musfirah /Dr. Norlia	<b>Presentation</b> Submission of assignment 2	Assignment, Presentation	CLO3
	22/01/2020	Dr. Norlia	<b>TEST 2</b>	Test	CLO1, CLO2
16.			<b>REVISION WEEK</b>		
17			<b>EXAMINATION 1 (3/2/2021) WED, 10 A.M.</b>		
18			<b>EXAMINATION (10/2/2021) WED, 10 A.M.</b>		
19			<b>EXAMINATION (10/2/2021) WED, 10 A.M.</b>		
20-23			<b>SEMESTER BREAK</b>		

**Final Examination (0%)**





Question	Topics	CO	Lecturer
1	Not applicable		
2	Not applicable		
3	Not applicable		
4	Not applicable		

**Coursework Assessment (100%)**

Note: The final examination has been replaced by coursework assessment only

	Jenis	Kod	%
(i)	Test	13	50
(ii)	Assignment	03	20

	Jenis	Kod	%
(iii)	Presentation	53	20
(iv)	Discussion	45	10

Prepared by:	Endorsed by:	Approved by:	Archived by:
Course Coordinator	Program Chairman	Dean	Asst. Registrar
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Dr Musfirah Zulkurnain	Prof. Fazilah Ariffin	Prof. Dr Norli Ismail	Pn Rasslene Rass Rasalingam
Date: 11/10/2020	Date: 10/1/2021	Date: 11/1/2021	Date: 11/01/2021