Subject Description Form

Subject Code	FSN6506
Subject Title	Recent Topics in Food Science and Management
Credit Value	3
Level	6
Pre-requisite	Nil
Objectives	This subject aims at presenting to students topics of recent advances in science and management of food industry, such as latest trends in diet, products, management practices and safety issues in the region and globally. The topics will not be limited to edible parts but also processing, monitoring, packaging and other aspects of food.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a. critically evaluate a food science topic b. understand, appreciate and be capable of integrating business theories with emerging food technologies c. be aware of latest trends in food industry and consumer preferences d. integrate different areas of science and technology with real business practice
Subject Synopsis/ Indicative Syllabus	Each year the subject lecturer will compile a list of recent advances in food science and management to students before semester starts. Students will be divided into groups of 4 and each group will select a topic from the list for in-depth exploration and discussion. For each topic, students will be required to do readings before class. During class, each group will come to gather to critique and discuss the following aspects their topic. 1) Technological advance 2) Utility and benefits to industry 3) Legal and safety considerations 4) Potential market target segments and sales 5) Factors affecting consumer decision on adopting the new technology/product The subject lecturer will provide help to students especially on technical aspects of the topic. After that the group will be presenting their findings as a sales pitch to other classmates. Other classmates will need to engage in questions with the group and give feedback to their presentation. Students will be required to write up their findings and feedback from the class as a short individual report. Two to three guest speakers will also be invited to share experience on new technology/product/management system development and the strategies they employ at different stages of development.

<table>
<tr><td>Teaching/Learning Methodology</td><td>Class format will include lectures, flipped classroom, presentations and group discussions.

Students will be given reading and reference materials ahead of class for preparation.

Group discussion materials (cases) will also be provided to students at the beginning of the semester. Group discussion will form a significant part of the teaching and learning strategy of this subject, which aim to foster students' skills in analytical power, information acquisition, critical thinking, problem-solving and life-long learning. Through small-group discussions of relevant topics/issues, tutorials can also enhance students' communications skills and their awareness of professional integrity, ethics and social responsibilities.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td></td><td></td></tr>
<tr><td>1. Individual essay on case topic</td><td>30 %</td><td>√</td><td>√</td><td>√</td><td>√</td><td></td><td></td></tr>
<tr><td>2. Class Discussion Participation and Contribution</td><td>40 %</td><td>√</td><td>√</td><td>√</td><td>√</td><td></td><td></td></tr>
<tr><td>3. Reflective journals (×2)</td><td>30%</td><td>√</td><td>√</td><td>√</td><td>√</td><td></td><td></td></tr>
<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>
*Weighting of assessment methods/ tasks in continuous assessment may be different, subject to each subject lecturer.
Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

To ensure that students learn and reflect continuously, continuous assessment will be used. It includes individual essays and reflective journals. The essay will be assessed using the Biggs' Structure of the Observed Learning Outcome taxonomy which shows clearly students' level of understanding. The presentation aims at fostering students' abilities to make connections with and apply what they have learnt.
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<tr><td rowspan="3">Student Study Effort Expected</td><td>Class contact:</td><td></td></tr>
<tr><td>▪ Lecture</td><td>25 Hrs.</td></tr>
<tr><td>▪ Tutorial</td><td>6 Hrs.</td></tr>
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	▪ Group presentation and discussion	8 Hrs.
	Other student study effort:	
	▪ Preparation for Case topic	30 Hrs.
	▪ Assignments	20 Hrs.
	▪ Self study	30 Hrs.
	Total student study effort	119 Hrs.
Reading List and References	Reading materials will be provided by subject lecturers before class.	