



UNIVERSITI TEKNOLOGI MARA

FST668: FOOD PRODUCT DEVELOPMENT

Course Name (English)	FOOD PRODUCT DEVELOPMENT APPROVED		
Course Code	FST668		
MQF Credit	2		
Course Description	This module covers the theoretical and practical steps involved in the development of new food products. The topics covered include the basics of new food product development starting from idea generation stage, development stage, taste paneling stage, consumer sampling stage, shelf life stage, packaging stage, production stage, market testing stage and commercialization stage.		
Transferable Skills	Managerial skill, statistical analysis		
Teaching Methodologies	Lectures, Presentation, Small Group Sessions , Project-based Learning		
CLO	CLO1 1. Develop an innovative food product and conduct sensory evaluation CLO2 2. Perform feasibility study according to proposed new idea CLO3 3. Express idea in the form of oral presentation and written report CLO4 4. Demonstrate management skill in the development of a new innovative food product		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"><tr><td>Recommended Text</td><td>Jacqueline, H., Beckley, M., Michele, F., and Leslie, J. H. (2017). <i>Accelerating New Food Product Design and Development</i>. 2nd edition. John Wiley & Sons. 2. Helmut, T., Birgit, C., and Karen, H. (2014) <i>Food Industry Design, Technology and Innovation</i>. Wi 2017, <i>Accelerating New Food Product Design and Development</i>, 2 Ed., John Wiley & Sons.</td></tr></table>	Recommended Text	Jacqueline, H., Beckley, M., Michele, F., and Leslie, J. H. (2017). <i>Accelerating New Food Product Design and Development</i> . 2nd edition. John Wiley & Sons. 2. Helmut, T., Birgit, C., and Karen, H. (2014) <i>Food Industry Design, Technology and Innovation</i> . Wi 2017, <i>Accelerating New Food Product Design and Development</i> , 2 Ed., John Wiley & Sons.
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Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		