



**Universitas Negeri Surabaya  
Faculty of Engineering  
, Undergraduate Culinary Education Study Program**

Document Code

**SEMESTER LEARNING PLAN**

<b>Courses</b>	<b>CODE</b>	<b>Course Family</b>	<b>Credit Weight</b>			<b>SEMESTER</b>	<b>Compilation Date</b>																																
Cake & Pastry	8321103122		T=3	P=0	ECTS=4.77	4	July 18, 2024																																
<b>AUTHORIZATION</b>	<b>SP Developer</b>		<b>Course Cluster Coordinator</b>			<b>Study Program Coordinator</b>																																	
	.....		.....			Dr. Hj. Sri Handajani, S.Pd., M.Kes.																																	
<b>Learning model</b>	Case Studies																																						
<b>Program Learning Outcomes (PLO)</b>	PLO study program that is charged to the course																																						
	Program Objectives (PO)																																						
	PLO-PO Matrix																																						
		P.O																																					
<b>Short Course Description</b>	study of the concept and application of various commercial continental cake mixes. The discussion begins with the basic concept of continental cakes, ingredients and tools for making dough, dough classification, the process of making various continental cake doughs, and the finishing process. PBM is carried out by applying a constructivist and practical approach in groups and ends with a competency test.																																						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 5%;">P.O</td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 3%;">1</td> <td style="width: 3%;">2</td> <td style="width: 3%;">3</td> <td style="width: 3%;">4</td> <td style="width: 3%;">5</td> <td style="width: 3%;">6</td> <td style="width: 3%;">7</td> <td style="width: 3%;">8</td> <td style="width: 3%;">9</td> <td style="width: 3%;">10</td> <td style="width: 3%;">11</td> <td style="width: 3%;">12</td> <td style="width: 3%;">13</td> <td style="width: 3%;">14</td> <td style="width: 3%;">15</td> <td style="width: 3%;">16</td> </tr> </table>							P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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<b>References</b>	<b>Main :</b>																																						
	<ol style="list-style-type: none"> <li>1. Annonymous. 2003. <i>The Essence of Modern Bakery and Pastry Delicious</i>. Jakarta:Trans.</li> <li>2. Chung, Roy . 2002. <i>US. Wheat Associates</i> . Thailand. (Tidak dipublikasikan)</li> <li>3. Crawford, Rick Douglas. 2014. <i>Opening and Operating a Retail Bakery</i> . New Jersey: John Wiley &amp; Sons.</li> <li>4. Gisslan, Wayne. 2005 . <i>Profressional Baking (Fourth Edition)</i> . New York: John Wiley and Sons.</li> <li>5. Harvey Lang, Jennifer. 1988 . <i>Larousse Gastronomique</i>. New York: Publishers, Inc.</li> <li>6. Hawkins, Kathryn. 2012. <i>Bread making: Self Sufficiency</i> . London: New Holland Publishers Ltd.</li> <li>7. Jeanne Himich Freeland, Graves and Peckham, Gladys. 1987 . <i>Foundations of Food Preparation</i>. New York:Macmillan Publishing Co.</li> <li>8. Mc. Williams, Margaret. 1985 . <i>Food Fundamentals</i> . New York:John Wiley and Sons.</li> <li>9. Masi, Noble. 2011. <i>Baking Fundamentals</i> . New York: Prentice Hall: Pearson</li> <li>10. The Culinary Institute of America. 2014. <i>In the Hands of a Bakers</i> . New Jersey: John Wiley &amp; Sons.</li> <li>11. US. Wheat Association. 1983 . <i>Pedoman Pembuatan Roti dan Kue</i> . Jakarta: Djambatan</li> <li>12. Buku Ajar Bakery dan Pastry.</li> </ol>																																						
	<b>Supporters:</b>																																						
<b>Supporting lecturer</b>	Dra. Lucia Tri Pangesthi, M.Pd. Nugrahani Astuti, S.Pd., M.Pd.																																						

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [ Estimated time]		Learning materials [ References ]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline ( offline )	Online ( online )		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Able to understand the basic concepts of commercial continental cakes in the food service industry	1. Outline the chronological history of the development of bakery & pastry, 2. Describe the definition of cake and pastry 3. Classify the types of dough 4. Identify the characteristics of each type of dough 5. Describe the organizational structure of the bakery and pastry kitchen.	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to do LKM: Basic concepts of cake and pastry 5. Reading module: Basic concepts of cake and pastry 3 X 50			0%
2	Able to operate cake and pastry production equipment	1. Define the meaning of cake and pastry equipment 2. Classify the types of cake and pastry equipment 3. Explain the function of bakery and pastry equipment 4. Explain how to operate cake and pastry equipment	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to work on LKM regarding identification of continental cake making equipment 5. Reading module: Cake and pastry equipment 3 X 50			0%
3	Able to understand the basic ingredients of dough	1. Describe the meaning of basic ingredients 2. Classify basic ingredients based on function (cake frame forming ingredients, tenderizing ingredients, flavoring ingredients, raising ingredients) 3. Mention the types of basic dough ingredients 4. State the function basic ingredients for dough 5. Explain how to store basic ingredients for dough	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to do LKM: identify ingredients in various continental cake mixes 3 X 50			0%

4	Able to understand additional dough ingredients	1. Explain the meaning of additional ingredients, 2. Classify additional dough ingredients (filling ingredients, covering/topping ingredients, flavoring and aroma ingredients, coloring ingredients, raising ingredients, emulsifiers, softening ingredients) 3. Mention the types of dough additives 4 . State the function of additional dough ingredients. 5. Explain how to store additional ingredients	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to do LKM: identify ingredients in various continental cake mixes 5. Reading module: identify ingredients in various continental cake mixes 3 X 50			0%
5	Able to understand the concept of batters	1. Explain the meaning of batter 2. Classify batter dough 3. Identify batter components 4. Explain the procedure for making batter 5. Explain how to serve various batter products	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to work on LKM: batter dough 5. Reading module: batter dough 3 X 50			0%
6	Able to process various batter products	1. Preparing batter ingredients 2. Preparing equipment for making batter 3. Processing various batter products 4. Serving various batter products	<b>Criteria:</b> Full marks are obtained if you carry out the procedures for making various products from batter dough correctly	1. Presentation related to LKM: batter dough 2. Direct learning model for practicing batter dough: - Carrying out activities to select ingredients for making batter products - Carrying out activities to select equipment for making batter products - Making batter products - Making batter practice reports 3 X 50			0%

7	Able to understand the concept of biscuit	1. Describe biscuits 2. Classify biscuits 3. Identify biscuit components 4. Explain biscuit making techniques 5. Explain biscuit making procedures	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to work on LKM: biscuit dough 5. Reading module: biscuit dough 3 X 50			0%
8	Midterm Exam			3 X 50			0%
9	Able to process various biscuit products	1. Preparing biscuit ingredients 2. Preparing biscuit dough making equipment 3. Processing various biscuit dough products 4. Serving various biscuit products	<b>Criteria:</b> Full marks are obtained if you carry out the procedures for making various products from biscuit dough correctly	1. Presentation related to LKM: biscuit dough 2. Direct learning model for practicing biscuit dough: - Carrying out activities to select ingredients for making biscuit products - Carrying out activities to select equipment for making biscuit products - Making biscuit products - Making biscuit practice reports 3 X 50			0%
10	Able to understand the concept of cake	1. Describe the meaning of cake 2. Classify cake 3. Identify cake components 4. Explain cake making techniques 5. Explain cake making procedures based on	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to work on LKM: cake dough 5. Reading module: cake dough 3 X 50			0%

11	Able to process various Swiss roll products, chiffon cake, Lapis Surabaya	1. Preparing ingredients for Swiss roll, chiffon cake, Lapis Surabaya 2. Preparing equipment for making Swiss roll dough, chiffon cake Lapis Surabaya, 3. Processing various Swiss roll dough products, chiffon cake, Lapis Surabaya 4. Serving various Swiss roll products, chiffon cake , Lapis Surabaya	<b>Criteria:</b> Full marks are obtained if you carry out the procedures for making Swiss roll, chiffon cake, Lapis Surabaya correctly	1. Presentation related to LKM: cake dough (swiss roll, chiffon cake, Lapis Surabaya) 2. Direct learning model for practicing cake dough: - Carrying out activities to select ingredients for Swiss roll, chiffon cake, Lapis Surabaya products - Carrying out activities to select making equipment Swiss roll products, chiffon cake, Lapis Surabaya - Making Swiss roll products, chiffon cake, Lapis Surabaya - Making practice reports for Swiss roll, chiffon cake, Lapis Surabaya 3 X 50			0%
12	Able to process various fruit cake, chocolate cake, cheese cake products	1. Prepare ingredients for fruit cake, chocolate cake, cheese cake 2. Prepare equipment for making fruit cake, chocolate cake, cheese cake dough 3. Process various fruit cake, chocolate cake, cheese cake dough products 4. Serve various fruit cake, chocolate cake products , cheesecake	<b>Criteria:</b> Full marks are obtained if you carry out the procedures for making fruit cake, chocolate cake, cheese cake correctly	1. Presentation related to LKM: cake dough 2. Direct learning model for practicing cake dough: - Carrying out activities to select ingredients for making cake products - Carrying out activities to select equipment for making cake products - Making cake products - Making cake practice reports 3 X 50			0%

13	Able to understand the concept of pastry	1. Describe the meaning of pastry 2. Classify pastry 3. Identify the components of pastry 4. Explain pastry making techniques 5. Explain the procedure for making pastry	<b>Criteria:</b> Full marks are obtained if you do all the questions correctly	1. Lecture 2. Discussion 3. Question and answer 4. Assignment to work on LKM: pastry dough 5. Reading module: pastry dough 3 X 50			0%
14	Able to process various short crust pastry products, choux paste	1. Prepare ingredients for short crust pastry and choux paste 2. Prepare equipment for making short crust pastry and choux paste 3. Process various short crust pastry dough products crust pastry and choux paste 4. Serve various short crust pastry and choux paste products	<b>Criteria:</b> Full marks are obtained if you carry out the procedures for making various products from short crust pastry dough and choux paste correctly	1. Presentation related to LKM: pastry dough 2. Direct learning model for practicing short crust pastry and choux paste: - Carrying out activities to select ingredients for short crust pastry and choux paste - Carrying out activities to select equipment for making short crust pastry and choux paste - Making short crust products crust pastry - Make a practice report on short crust pastry 3 X 50			0%
15	Able to process various puff pastry products	1. Prepare puff pastry ingredients 2. Prepare puff pastry dough making equipment 3. Process various puff pastry dough products 4. Serve various puff pastry products	<b>Criteria:</b> Full marks are obtained if you carry out the procedures for making various products from puff pastry dough correctly	1. Presentation related to LKM: pastry dough 2. Direct learning model for practicing puff pastry: - Carrying out the activity of selecting puff pastry ingredients - Carrying out the activity of selecting puff pastry making equipment - Making choux paste products - Making a choux paste practice report 3 X 50			0%
16	Final exams			3 X 50			0%

### Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

#### Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.