



**Universitas Negeri Surabaya
Vocational Faculty
D4 Culinary Management Study Program**

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Research methods	6230503069	Compulsory Study Program Subjects	T=3	P=0	ECTS=4.77	4	July 17, 2024
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator	
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Learning model	Project Based Learning
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Program Learning Outcomes (PLO)	PLO study program which is charged to the course
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PLO-5	Able to work together, have social sensitivity and concern for the environment as well as a professional personality
PLO-8	Able to study the application of developments in science and technology in producing works of culinary art, standard procedures, prototypes and product designs, compiling the results of the study in the form of written reports and scientific articles through collaboration within and outside the institution
PLO-10	Able to organize cooperation between the kitchen and service departments by ensuring the readiness of food and drinks according to orders, preparing the service area and communicating when there are changes in service
PLO-13	Master in-depth theoretical concepts regarding the science and techniques of processing various foods/cuisine by applying food hygiene, Occupational Safety and Health (K3) to produce innovative, nutritious, safe and aesthetic products.

Program Objectives (PO)

PO - 1	Demonstrate academic values, norms and ethics in preparing scientific steps for research plans
PO - 2	Able to master the concepts, principles and planning methods in the culinary field by utilizing modern technology (the internet) in preparing research plans
PO - 3	Able to apply logical, critical and innovative thinking in preparing research plans
PO - 4	Able to design and create research proposals with the correct methodology in the culinary field

PLO-PO Matrix

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PO Matrix at the end of each learning stage (Sub-PO)

	<table border="1"> <tr> <th rowspan="2">P.O</th> <th colspan="16">Week</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> <th>13</th> <th>14</th> <th>15</th> <th>16</th> </tr> <tr> <td>PO-1</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>PO-2</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>PO-3</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>PO-4</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PO-1																		PO-2																		PO-3																		PO-4																	
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Short Course Description	This course contains a study of the meaning and importance of research methods, the essence and components of research, scientific methods and attitudes, selection of research topics, research steps, research problems, qualitative research and quantitative research.
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References	<p>Main :</p> <ol style="list-style-type: none"> Lincoln, Yvonna S. dan Egon G. Guba. 1985. Naturalistic Inquiry st edition. Sage Publication, Beverly Hills Miles,B.B., dan A.M. Huberman. 1992. Analisa Data Kualitatif. UI Press Jakarta Moloeng, Lexy J. 1990. Metodologi Penelitian Kualitatif. PT Remaja Rosdakarya, Bandung Muhajir, Moeng, 1996. Metode Penelitian Kualitatif. Rak Sarasin, Yogyakarta Nasoetion, S., 1988. Metodologi Penelitian Naturalistik Kualitatif. Tarsito Bandung
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	Supporters:						
Supporting lecturer	Lilis Sulandari, S.Pt., M.P. Ita Fatkhur Romadhoni, 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	Students can understand how to obtain knowledge and technology, and scientific steps and explain the role of research in the development of science and technology	1.Explain the meaning of science and technology 2.Explains how to gain knowledge 3.Explain the meaning of research 4.Describe the steps of the scientific method 5.Provide examples of the role of research in the development of science and technology	Criteria: If there are components of 5 scientific steps in the research plan control, then the score is 100 Form of Assessment : Participatory Activities, Practice/Performance	Exposure/presentation, discussion of problem solving and assignments/projects 3 X 50		Material: Scientific procedures Bibliography: <i>Lincoln, Yvonna S. and Egon G. Guba. 1985. Naturalistic Inquiry st edition. Sage Publications, Beverly Hills</i>	5%
2	Write: a. Background of the problem b. Problem identification c. Problem limitations d. Problem formulation e. Research objectives and benefits	Students can write about: a. Background of the problem b. Problem identification c. Problem limitations d. Problem formulation e. Research objectives and benefits	Criteria: If the writing contains elements written in the indicator then the assignment value is 100 Form of Assessment : Participatory Activities	presentations, discussions and assignments 3 X 50		Material: Problem formulation References: <i>Moloeng, Lexy J. 1990. Qualitative Research Methodology. PT Teen Rosdakarya, Bandung</i>	5%
3	Write: a. Background of the problem b. Problem identification c. Problem limitations d. Problem formulation e. Research objectives and benefits	Students can write about: a. Background of the problem b. Problem identification c. Problem limitations d. Problem formulation e. Research objectives and benefits	Criteria: If the writing contains elements written in the indicator then the assignment value is 100 Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment, Practice / Performance	presentations, discussions and assignments 3 X 50		Material: Background Bibliography: <i>Lincoln, Yvonna S. and Egon G. Guba. 1985. Naturalistic Inquiry st edition. Sage Publications, Beverly Hills</i>	5%
4	Students can write: a. Reference sources c. How to write a quote d. How to write a bibliography e. Preparation of a theoretical study framework	Students can write from 5 reference sources as a reference for their research	Criteria: If the writing contains elements of direct/indirect quotation, and there is a bibliography, then the score is 100 Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practical Assessment, Practical / Performance	Presentation, Discussion and exercises / assignments 3 X 50		Material: Reference sources : <i>Moloeng, Lexy J. 1990. Qualitative Research Methodology. PT Teen Rosdakarya, Bandung</i>	5%
5	Students can write: a. Reference sources c. How to write a quote d. How to write a bibliography e. Preparation of a theoretical study framework	Students can write from 5 reference sources as a reference for their research	Criteria: If the writing contains elements of direct/indirect quotation, and there is a bibliography, then the score is 100 Form of Assessment : Participatory Activities	Presentation, Discussion and exercises / assignments 3 X 50		Material: Managing library references: <i>Miles, BB, and AM Huberman. 1992. Qualitative Data Analysis. UI Press Jakarta</i>	5%

6	Students can write: a. Reference sources c. How to write a quote d. How to write a bibliography e. Preparation of a theoretical study framework	Students can write from 5 reference sources as a reference for their research	Criteria: If the writing contains elements of direct/indirect quotation, and there is a bibliography, then the score is 100 Form of Assessment : Participatory Activities	Presentation, Discussion and exercises / assignments 3 X 50		Material: Utilizing Mendelej Reference: Muhajir, Moeng, 1996. <i>Qualitative Research Methods.</i> Sarasin Shelf, Yogyakarta	5%
7	explains the systematics of research articles as research output in the Covid 19 era	Can explain the systematics of research articles	Criteria: If the writing includes step by step systematics of research articles, then the score is 100 Form of Assessment : Participatory Activities	Presentations, discussions, questions and answers and assignments 3 X 50		Material: Article writing References: Muhajir, Moeng, 1996. <i>Qualitative Research Methods.</i> Sarasin Shelf, Yogyakarta	5%
8	Presenting the progress of the proposal work results	UTS	Criteria: Able to present the progress of proposal work results correctly in accordance with SOP Form of Assessment : Participatory Activities, Practice/Performance	Presentation and discussion 3 X 50		Material: Proposal presentation References: Muhajir, Moeng, 1996. <i>Qualitative Research Methods.</i> Sarasin Shelf, Yogyakarta	15%
9	Able to explain reference sources, the function of a literature review, how to write quotations, create hypotheses and how to write a bibliography	Accuracy in explaining reference sources	Criteria: Able to explain reference sources correctly Form of Assessment : Participatory Activities, Tests	Presentation and discussion 2 x50	Presentation and discussion 2 x50	Material: Bibliography Reference Source : Lincoln, Yvonna S. and Egon G. Guba. 1985. <i>Naturalistic Inquiry st edition.</i> Sage Publications, Beverly Hills	5%
10	Able to explain reference sources, the function of a literature review, how to write quotations, create hypotheses and how to write a bibliography	Accuracy in explaining reference sources	Criteria: Able to explain reference sources correctly Form of Assessment : Participatory Activities, Tests	Presentation and discussion 2 x50	Presentation and discussion 2 x50	Material: Bibliography Reference Source : Lincoln, Yvonna S. and Egon G. Guba. 1985. <i>Naturalistic Inquiry st edition.</i> Sage Publications, Beverly Hills	5%
11	Able to determine research variables, data collection techniques and research instruments	Detailing research variables	Criteria: Able to explain research variables correctly according to SOP Form of Assessment : Participatory Activities	Presentation and discussion 2 x 50	Presentation and discussion 2 x 50	Material: Research variables References: Moloeng, Lexy J. 1990. <i>Qualitative Research Methodology.</i> PT Teen Rosdakarya, Bandung	5%
12	Able to determine research variables, data collection techniques and research instruments	Detailing research variables	Criteria: Able to explain research variables correctly according to SOP Form of Assessment : Participatory Activities	Presentation and discussion 2 x 50	Presentation and discussion 2 x 50	Material: Research variables References: Moloeng, Lexy J. 1990. <i>Qualitative Research Methodology.</i> PT Teen Rosdakarya, Bandung	5%
13	Able to design research in the form of a TA research proposal & present it responsibly and ethically	Accuracy in creating title, background, problem formulation, objectives and benefits of research	Criteria: Able to create title, background, problem formulation, objectives and benefits of research in accordance with SOP Form of Assessment : Participatory Activities, Practice/Performance	Presentation and questions and answers 2 x 50	Presentation and questions and answers 2 x 50	Material: TA Writing Library: Muhajir, Moeng, 1996. <i>Qualitative Research Methods.</i> Sarasin Shelf, Yogyakarta	5%

14	Able to design research in the form of a TA research proposal & present it responsibly and ethically	Accuracy in creating title, background, problem formulation, objectives and benefits of research	Criteria: Able to create title, background, problem formulation, objectives and benefits of research in accordance with SOP Form of Assessment : Participatory Activities, Practice/Performance	Presentation and questions and answers 2 x 50	Presentation and questions and answers 2 x 50	Material: TA Writing Library: <i>Muhajir, Moeng, 1996. Qualitative Research Methods. Sarasin Shelf, Yogyakarta</i>	5%
15	Able to design research in the form of a TA research proposal & present it responsibly and ethically	Accuracy in creating title, background, problem formulation, objectives and benefits of research	Criteria: Able to create title, background, problem formulation, objectives and benefits of research in accordance with SOP Form of Assessment : Participatory Activities, Practice/Performance	Presentation and questions and answers 2 x 50	Presentation and questions and answers 2 x 50	Material: TA Writing Library: <i>Muhajir, Moeng, 1996. Qualitative Research Methods. Sarasin Shelf, Yogyakarta</i>	5%
16	Able to design research in the form of a TA research proposal & present it responsibly and ethically	Accuracy in creating title, background, problem formulation, objectives and benefits of research	Criteria: Able to create title, background, problem formulation, objectives and benefits of research in accordance with SOP Form of Assessment : Participatory Activities, Practice/Performance	Presentation and questions and answers 2 x 50	Presentation and questions and answers 2 x 50	Material: TA Writing Library: <i>Muhajir, Moeng, 1996. Qualitative Research Methods. Sarasin Shelf, Yogyakarta</i>	15%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	62.5%
2.	Project Results Assessment / Product Assessment	2.5%
3.	Portfolio Assessment	1.25%
4.	Practical Assessment	1.25%
5.	Practice / Performance	27.5%
6.	Test	5%
		100%

Notes

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Forms of assessment:** test and non-test.
- 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.
- 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.
- Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
- 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%.
- TM=Face to face, PT=Structured assignments, BM=Independent study.