SEMESTER LESSON PLAN (RPS)

RESEARCH METHODOLOGY (BG 303)

Lecturer:

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Drs. Karpin, M.Pd.

CULINARY EDUCATION STUDY PROGRAM
DEPARTMENT OF FAMILY WELFARE EDUCATION
FACULTY OF TECHNOLOGY AND VOCATIONAL EDUCATION
UNIVERSITAS PENDIDIKAN INDONESIA

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	SEMESTER LESSON PLAN	No.Dok : FPTK-UPI-SAP-E0751-17
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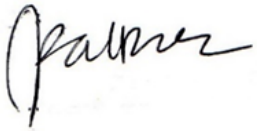
	RESEARCH METHODOLOGY	Tanggal : 27 Oct 2021
		Halaman:
Dibuat Oleh:  Drs. Karpin, M. Pd. NIP . 196607101993031001	Diperiksa Oleh:  Dr. Rita Patriasih. M.Si NIP. 19700811199802 2 002	Disetujui Oleh:  Dr. Yulia Rahmawati, M.Si NIP 19670720 199303 2 009.
Lecturer	TPK of Culinary Education	Head of Culinary Education Study Program

SEMESTER LESSON PLAN

1. Course Identity

Study Program Name : Culinary Education
Name of Course : Research Methodology
Code of Course : BG 303
Group of Course : Study Program Expertise Course (MKKIPS)
SKS weight : 3
Level : S1
Semester : Odd
Prerequisite : -
Status (mandatory/optional) : Mandatory
Lecturer name and code : Dr. Ai Nurhayati, M. Si. (1774)

Drs. Karpin, M.Pd. (1779)

2. Course Description

This lecture discusses the basics of research methodology, research components and steps, research variables, preparation of theoretical studies, frameworks and hypotheses, populations, samples and sampling techniques, research instruments, data collection and data analysis techniques, statistical applications in research.

3. *Program Learning Outcome (PLO)*

S Demonstrate scientific, educative, and religious attitudes and behaviors contributing to improving the quality of life in society, nation, and state, based on academic norms and ethics

P1 Proficient in the theoretical concepts of educational science, strategy, lesson planning, media, methodology and evaluation of learning and educational psychology

P4 Proficient in the theoretical concepts of Culinary in the area of Culinary expertis

KU Can apply logical, critical, systematic, and innovative thinking in the context of science and technology development or implementation that pays attention to and applies humanities values corresponding to their area of expertise

KK5 Able to conduct quantitative or qualitative research in the field of Culinary Education

4. *Course Learning Outcome (CLO)*

- Able to explain the basic concepts of research methodology.
- Students are able to carry out research steps according to research procedures with full responsibility.
- Students are able to make research proposals with appropriate experimental or non-experimental designs with the research problem formulated

5. Description of Learning Plan

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
1.	Introduction to Lectures	Introduction to Lectures 1. Explanation of semester lesson plans 2. Class rules 3. Lecture grading system	Online Lecture	150'		
2.	**Sub CPMK:** Able to explain the basic concepts of research methodology **Indicator:** 1. Students can explain the meaning of culinary education research 2. Students can explain the purpose of culinary education research 3. Students can explain the scope of culinary education research	Fundamentals of research methodology: 1. Definition of culinary education research 2. The purpose of culinary education research 3. The scope of the research is culinary education 4. The function of culinary education research	Online Lecture	150'	Structured tasks:	1; 2; 3; 4; 5

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	4. Students can explain the function of culinary education research 5. Students can explain the types of culinary education research	5. Types of culinary research research				
3-4	**Sub CPMK:** Students are able to carry out research steps according to procedures. **Indicator:** 1. Students can explain the components of educational research 2. Students can explain the characteristics of culinary education research problems 3. Students can identify culinary education research problems 4. Students can formulate culinary education research problems.	Research Components and Steps: 1. Research background 2. Identification of problems 3. Research variable 4. Operational definition of research variables 5. Research purposes 6. Research uses 7. Literature review 8. Hypothesis (if any)	Online Lecture	2x150'	Structured tasks	1; 2; 3; 4; 5

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	5. Students can determine research variables. 6. Students can formulate an operational definition of research variables. 7. Students can formulate research objectives. 8. Students can formulate the benefits/significance of research. 9. Students can conduct a literature review in accordance with the formulation of the research problem 10. Students can formulate hypotheses, if needed. 11. Students can determine research methods.	9. Research methods 10. Research results and discussion 11. Conclusions, implications and recommendations				

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	12. Students can present research results. 13. Students can process and discuss research results. 14. Students can make research conclusions. 15. Students can make research implications based on research conclusions. 16. Students can submit recommendations based on research implications.					
5.	**Sub CPMK:** Students can determine the relationship between variables and measure the research variables according to the measurement scale **Indicator:** 1. Students can explain the meaning of research variables.	Research variable 1. Definition of research variables 2. Terms of research variables 3. The types of research variables. 4. Relationship between variables 5. Variable measurementl	Online Lecture	150'	Structured tasks	1; 2; 3; 4; 5

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	2. Students can explain the terms of research variables. 3. Students can determine the types of research variables. 4. Students can determine the relationship between research variables. 5. Students can determine the scale of measurement of research variables.					
6.	**Sub CPMK:** Students can conduct theoretical/library studies and formulate hypotheses according to the research problem formulation **Indicator:** 1. Students can explain the meaning of theory 2. Students can explain the function of theory in research.	Study of theory/library, framework and hypotheses 1. Understanding Theory 2. Function theory 3. Theoretical foundation on research 4. The researcher's theoretical position/framework. 5. Definition of Research Hypothesis	Online Lecture	150'	Structured tasks	1; 2; 3; 4; 5; 6

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	3. Students can conduct theoretical studies in research. 4. Students can formulate the researcher's frame of mind in research. 5. Students can explain the meaning of hypothesis. 6. Students can formulate research hypotheses. 7. Students can explain the types of research hypotheses 8. Students can do hypothesis testing	6. Research hypothesis formulation 7. Types of research hypotheses 8. Hypothesis testing				
7.	**Sub CPMK:** Students can determine and make experimental or survey research designs in accordance with the formulated research problem. **Indicator:**	Research design 1. Experimental research design. 2. Non-experimental research design. 3. Difference between experimental and survey research	Online Lecture	150'	Structured tasks	3; 4; 5

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	1. Students can explain experimental research designs. 2. Students can explain non-experimental research designs. 3. Students can distinguish experimental research and survey research. 4. Students can design experimental or survey research according to the research problem formulation with a complete research design component.	4. Components of experimental research design. 5. Survey research design components				
8.	**Midterm exam**					
9.	**CPMK:** Students can determine the population and research sample. **Indicator:** 1. Students can explain the meaning of research population	Population, Sample and Sampling Technique. 1. Definition of population. 2. Population determination. 3. Definition of sample.	Online Lecture	150'	Structured tasks	1; 2; 3; 4; 5

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	2. Students can determine the research population. 3. Students can explain the meaning of research samples. 4. Students can do the sampling technique. 5. Students can determine the research sample size	4. Sampling technique. 5. Sample size				
10	**Sub CPMK:** Students can determine the research instrument according to the measurement scale. **Indicator:** 1. Students can explain the measurement scale 2. Students can explain several attitude scales. 3. Students can determine the research instrument.	Measurement Scale and Research Instruments; 1. Measurement scale. 2. Attitude scale 3. Research instrument. 4. Instrument validity 5. Instrument reliability	Online Lecture	150'	Structured tasks	1; 2; 3; 4; 5

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	4. Students can determine the validity of research instruments. 5. Students can determine the reliability of research instruments					
11.	**Sub CPMK:** Students can perform data collection and analysis of research data. **Indicator:** 1. Students can determine data collection techniques. 2. Students can distinguish descriptive and inferential statistics. 3. Students can distinguish parametric and non-parametric statistics	Data collection techniques and data analysis. 1. Data collection techniques.. 2. Descriptive and inferential statistics. 3. Parametric and non-parametric statistics.	Online Lecture	150'	Structured tasks	3; 4; 5; 6
12.	**Sub CPMK:** Students can use statistical methods in research. **Indicator:** 1. Students can perform correlation analysis	Application of statistics in research 1. Correlation analysis 2. Regression analysis	Online lecture	150'	Structured tasks	3; 4; 5; 6

Pert.	Sub CPMK and Learning Outcome Indicators	Study Material	Learning Form	Time	Assignments and Assessments	Reference
	2. Students can perform regression analysis 3. Students can do a different test.	3. Different test				
13-14	Students are able to make research proposals with experimental or non-experimental designs according to the research problem formulated	Preparation of research design	Practice of Preparation of Research Design	2x150'	Structured tasks	1; 2; 3; 4; 5; 6
15.	**Study design Research and lecture reflection** (150')					
16	**Final exams**					

6. Daftar Rujukan

a. Sugiyono. (2019). Educational Research Methods. Bandung: Alphabeta.

b. Creswell, JW (2014) Research design: qualitative, quantitative, and mixed methods approaches, 4th ed. United States of America: SAGE Publications, Inc.

c. Creswell, JW (2012) Educational research: planning, conducting, and evaluating quantitative and qualitative research, 4th ed. United States of America: Pearson Education, Inc

d. Huda, Miftahul. 2013. Cooperative Learning. Yogyakarta: Pustaka Pelajar.

e. Martono, Nanang. 2011. Metode Penelitian Kuantitatif. Jakarta: PT Raya Grafindo Persada.