	Universitas Negeri Surabaya Faculty of Sports and Health Sciences S1 Sports Coaching Education Study Program	Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Research methodology	8520203122		T=3	P=0	ECTS=4.77	3	April 30, 2023

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
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Learning model	**Project Based Learning**	
Program Learning Outcomes (PLO)	**PLO study program which is charged to the course**	
	Program Objectives (PO)	
	PO - 1	Able to identify critical problems that can be solved through scientific research;
	PO - 2	Able to review various literature for scientific research purposes;
	PO - 3	Able to develop research paradigms and designs that are relevant to research problems
	PO - 4	Able to choose the right research method according to the research problem to be studied
	PO - 5	Able to choose the right analysis technique for the research problem to be studied
	PLO-PO Matrix	

P.O
PO-1
PO-2
PO-3
PO-4
PO-5

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

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																
PO-5																

Short Course Description	Discussion of the basic concepts of Research Methodology in general, research steps, research design planning and identification of research problems, literature review, identification and operational definition of variables, formulation of hypotheses, data sources, data collection, data analysis and interpretation and preparation of research reports	
References	**Main :**	

1. Sriundy M. I Made. 2006. Pengantar Metodologi Penelitian: Bidang Olahraga dan Pendidikan Jasmani. Surabaya: Hand out.
2. Thomas, Jerry R. 1985. Introduction to Reasearch: in Health, physical Education, Recreation, and Dance. Champaign, Illinois: Human Kinetics Publishers Inc.
3. Cochran Willian G. 1991. Teknik Penarikan Sampel Editisi Ketiga (Penerjemah: Rudiansyah). Jakarta: Penerbit Universitas indoensia.
4. Spradley James P. 1980. Participant Observation. New York : Holt, Rinehart and Winston.
5. Lexy J. Moeleong. 2006. Metodologi Penelitian Kualitatif Edisi Revisi. Bandung: PT. Remaja Rosdakarya
6. Miles Mathew B and A. Michael Huberman. 1992. Analisis Data Kualitatif. Jakarta: PT. Gramedia.
7. Lee Raymond M. 1993. Researching Sensitive Topics. Newbury Park. California 91320: SAGE Publications Inc.

Supporters:	

Supporting lecturer	Prof. Dr. I Made Sri Undy Mahardika, M.Pd. Dr. Imam Syafii, M.Kes. Mohammad Faruk, S.Pd., M.Kes.

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	Get to know various types of research and scientific methods, understand the types of research, good research criteria and be able to distinguish between methodology and method	Get to know various types of research and scientific methods, understand the types of research, good research criteria and be able to distinguish between methodology and method	**Criteria:** Lectures, discussions and questions and answers **Form of Assessment** : Participatory Activities	Presentation of theory, discussion and questions and answers 3 X 50		**Material:** getting to know the types of research **Library:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	0%
2	Students are able to review scientific literature, select scientific works that are appropriate to the type of research, provide critical assessments of the content of a scientific work, and can build research concepts based on the literature they have reviewed.	Students are able to review scientific literature, select scientific works that are appropriate to the type of research, provide critical assessments of the content of a scientific work, and can build research concepts based on the literature they have reviewed.	**Criteria:** active participation **Form of Assessment** : Participatory Activities	Lectures, discussions, exercises and assignments. 3 X 50		**Material:** literature review **Bibliography:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.* **Material:** literature review **Bibliography:** *Lexy J. Moeleong. 2006. Qualitative Research Methodology Revised Edition. Bandung: PT. Rosdakarya Teenager*	0%

3	Students are able to formulate their research problems	Students are able to formulate their research problems	**Criteria:** Lectures, discussions and questions and answers **Form of Assessment** : Participatory Activities, Tests	Lectures, case studies and 3 X 50 exercises		**Material:** problem formulation **Reference:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.* **Material:** problem formulation **Reader:** *Lexy J. Moeleong. 2006. Qualitative Research Methodology Revised Edition. Bandung: PT. Rosdakarya Teenager*	5%
4	Students are able to create research designs (Research Design) according to the type of research	Students are able to create research designs (Research Design) according to the type of research	**Criteria:** Lectures, discussions and questions and answers **Form of Assessment** : Participatory Activities	Lectures, case studies and 3 X 50 exercises		**Material:** research design **Reference:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	5%
5	Students know various data collection techniques in research, sources of research data and are able to determine the amount of data size that is considered statistically appropriate for a study	Students know various data collection techniques in research, sources of research data and are able to determine the amount of data size that is considered statistically appropriate for a study	**Criteria:** Lectures, discussions and questions and answers **Form of Assessment** : Participatory Activities, Practice/Performance	Lectures, case studies and 3 X 50 exercises		**Material:** data collection techniques **Reference:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.* **Material:** data collection techniques **Reference:** *Cochran Willian G. 1991. Sampling Techniques Third Edition (Translator: Rudiansyah). Jakarta: Indonesian University Publishers.*	0%
6	Students can model problems that are the object of research mathematically, create simulations of these problems and know several application software that can be used for simulations.	Students can model problems that are the object of research mathematically, create simulations of these problems and know several application software that can be used for simulations.	**Criteria:** active participation **Form of Assessment** : Participatory Activities, Practice/Performance	lectures, discussions and exercises 3 X 50		**Material:** modeling **Reference:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	0%

7	Students can display research results in various appropriate formats, interpret their research results and are able to analyze research results statistically, numerically and graphically.	Students can display research results in various appropriate formats, interpret their research results and are able to analyze research results statistically, numerically and graphically.	**Criteria:** Lectures, discussions and questions and answers **Form of Assessment** : Participatory Activities, Practice/Performance	Lectures, case studies and 3 X 50 exercises		**Material:** interpretation of data analysis **Reference:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	0%
8	Evaluate understanding and absorption of material 1 -7	Evaluate understanding and absorption of material 1 -7	**Criteria:** Writing test **Form of Assessment** : Participatory Activities, Tests	written test 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	25%
9	Students know various forms of citation and are able to apply certain citation and referencing styles (IEEE sytle) according to the reference format in the study program.	Students know various forms of citation and are able to apply certain citation and referencing styles (IEEE sytle) according to the reference format in the study program.	**Criteria:** active participation **Form of Assessment** : Participatory Activities	Lectures, discussions and exercises 3 X 50		**Material:** library citations Reference **:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.* **Material:** citation **Bibliography:** *Thomas, Jerry R. 1985. Introduction to Research: in Health, Physical Education, Recreation, and Dance. Champaign, Illinois: Human Kinetics Publishers Inc.*	0%
10	Students are able to create a research proposal and understand the content that must be written in each part of the research proposal	Students are able to create a research proposal and understand the content that must be written in each part of the research proposal	**Criteria:** assignment **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Lectures, discussions, exercises 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	5%
11	Students can apply the knowledge gained during lectures to produce a research proposal	Students can apply the knowledge gained during lectures to produce a research proposal	**Criteria:** assignment **Form of Assessment** : Participatory Activities	Training and consultation with prospective supervisors 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	5%

12	Students can apply the knowledge gained during lectures to produce a research proposal	Students can apply the knowledge gained during lectures to produce a research proposal	**Criteria:** assignment **Form of Assessment** : Participatory Activities	Training and consultation with prospective supervisors 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	0%
13	Students can apply the knowledge gained during lectures to produce a research proposal	Students can apply the knowledge gained during lectures to produce a research proposal	**Criteria:** assignment **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Training and consultation with prospective supervisors 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	20%
14	Students can apply the knowledge gained during lectures to produce a research proposal	Students can apply the knowledge gained during lectures to produce a research proposal	**Criteria:** assignment **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Training and consultation with prospective supervisors 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	5%
15	Students are able to present their research proposals and defend their contents	Students are able to present their research proposals and defend their contents	**Criteria:** assignment **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Presentation Evaluation 3 X 50		**Material:** meetings 1-7 **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	0%
16	UAS	material mastery 80%	**Criteria:** project **Form of Assessment** : Project Results Assessment / Product Assessment	Written Exam 2 x 50		**Material:** all lecture materials **Reader:** *Sriundy M. I Made. 2006. Introduction to Research Methodology: Sports and Physical Education. Surabaya: Hand out.*	30%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	40%
2.	Project Results Assessment / Product Assessment	45%
3.	Test	15%
		100%

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.