

Learning materials

[Estimated time]

Online (online)

Offline offline

Assessment

Weight (%)



each learning

Indicator

Criteria & Form

stage

(Sub-PO)

Week-

## Universitas Negeri Surabaya Faculty of Sports and Health Sciences, Physical Education, Health & Recreation Undergraduate Study Program

## SEMESTER LEARNING PLAN CODE Courses Course Family Credit Weight SEMESTER Compilation February 1, 8520102035 Compulsory Study Program Subjects ECTS=3.18 **Badminton** T=2 P=0 2 AUTHORIZATION Study Program Coordinator SP Developer Course Cluster Coordinator Prof. Dr. Nurhasan, M.Kes Andhega Wijaya, S.Pd.Jas., M.Or. Dr. Nur Ahmad Arif, M.Pd. Sri Wicahyani, M.Pd. Dr. Mochamad Ridwan, S.Pd., M.Pd. Prof. Dr. Nurhasan, M.Kes Learning **Case Studies** model **Program** PLO study program that is charged to the course Learning **Program Objectives (PO)** Outcomes (PLO) PO - 1 Able to demonstrate a scientific, critical and innovative attitude in professional physical education learning in Badminton PLO-PO Matrix P.O PO-1 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 A course that examines science and technology in the game of badminton. The study material contains badminton theory and practice. It is hoped that this study material will be able to enable students to master and apply badminton material as a teacher with the lecture process using project based learning. Short Course Description References Main: GemarBermainBulutangkis. Surakarta: Seti-aji2. BulutangkisPetunjukPraktisuntukPemuladanLanjut.Jakarta: Raja GrahaRafindo.3. Hari setiono dan Nurhasan, 2001. Belajar bermain bulutangkis. Unesa4. Lutan dan Suherman, 2000. Perencanaan Pembelajaran Penjaskes. Jakarta: Depdiknas.5. M. Ngalim P, 2002.Perencanaan Pembelajaran. Bandung: Remaja Rosdakarya6. M. Tohar, 1992. Ólahraga Pilihan Bulutangkis. IKIP Semarang. Semarang.7. Zanwar, M. 1992. Olahraga Pilihan Bulutangkis. Pengaruh Latihan Bulutangkis Menggunakan skor 15 dan skor 21 tehadap peningkatan Vo2. Skripsi tidak diterbitkan. Semarang FIK IKIP. Unnes. Vial, Shayne Marc. 2018. Accuracy In The Badminton Short Serve: A Methodological And Kinematic Study. 2016. Edith Cowan University Meyer & Meyer Verlag. 2010. Badminton Handbook. B.O.S.S Druck und Medien GmbH. Grice, T. 2007. Bulutangkis Petunjuk Praktis untuk Pemuladan Lanjut. Jakarta: Raja Graha Rafindo 5. Hari Setijono dan Nurhasan, 2001. Belajar Bermain Bulutangkis. Unesa. Supporters: BWF. 2011. Badminton World Federation Handbook II (Laws of Badminton & Regulations). Tony Grice. 2009. Badminton Steps To Success. Human Kinetics. USA. Prof. Dr. Nurhasan, M.Kes. Andhega Wijaya, S.Pd.Jas., M.Or. Dr. Nur Ahmad Arief, S.Pd., M.Pd. Sri Wicahyani, M.Pd. Supporting lecturer Aby Nugrah Septanto, S.Kep., Ns., M.Sc. Help Learning, Learning methods, Student Assignments, Final abilities of **Evaluation**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Analyzing the historical development of badminton	Students are able to analyze the historical development of badminton	Criteria: Participation assessment rubric  Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Discussion & question and answer History of badminton in Indonesia 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Discussion & question and answer History of badminton in Indonesia 2X50' / 3.18 ECTS	Material: History of Badminton Reference: Alhusin, S. 2007. Loves Playing Badminton. Surakarta: Setiaji2. Grice, T. 2007. BadmintonPractical Instructions for Beginners and Advanced. Jakarta: Raja GrahaRafindo. 3. Hari Setiono and Nurhasan, 2001. Learning to play badminton. Unesa4. Lutan and Suherman, 2000. Physical Education Learning Planning. Jakarta: Ministry of National Education. 5. M. Ngalim P, 2002. Learning Planning. Bandung: Rosdakarya Youth 6. M. Tohar, 1992. Badminton Sports of Choice. IKIP Semarang. Semarang. 7. Zanwar, M. 1992. Badminton Sports Choice. The effect of badminton training using a score of 15 and a score of 21 on increasing Vo2. The thesis is not published. Semarang FIK IKIP. Unnes.	10%
2	Analyzing the development of badminton sport regulations	Students are able to analyze the development of badminton sport regulations	Criteria: Participation assessment rubric  Form of Assessment: Participatory Activities	Learning Form: Face-to-face lecture  Learning method: Discussion & questions and answers on developments in badminton sports regulations 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Discussion & questions and answers on developments in badminton sports regulations 2X50' / 3.18 ECTS	Material: Development of badminton sport regulations Reference: BWF. 2011. Badminton World Federation Handbook II (Laws of Badminton & Regulations).	6%
3	Understand and practice basic grip techniques	Students are able to understand and practice basic grip techniques	Criteria:  1.Participation assessment rubric 2.Performance assessment rubric 3.Performance assessment rubric Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Project Base Learning  • Phase 1: Determining Basic Questions The lecturer asks: What are the basic techniques for gripping and hitting forehand and backhand in badminton Students respond to the lecturer's questions.  • Phase 2: Developing a project plan. The lecturer gives students	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Project Base Learning Using Vlearning LMS: http://vlearning.unesa.ac.id  • Phase 1: Determining Basic Questions Lecturer asks: What are the basic techniques for gripping and forehand strokes and backhand in badminton. Students respond to lecturers' questions.  • Phase 2: Developing a project plan. The lecturer gives students time to design a video about the basic technique of grip and forehand and backhand strokes in badminton. Students design and compile a video of the basic technique of grip and stroke forehand and backhand in badminton.	Material: Grip in badminton Reference: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.  Material: Grip Library: Meyer & Meyer Verlag. 2010. Badminton Handbook. BOSS Druck und Medien GmbH.	7%

time to design a video about the basic technique of grip and forehand and backhand strokes in badminton. Students design and compile a video of the basic technique of grip and stroke forehand and backhand in badminton.  • Phase 3: Develop a schedule . The lecturer makes a final deadline agreement video project collection. Students create a timeline for	Phase 3: Develop a schedule The lecturer makes a final deadline agreement video project collection. Students create a timeline for completing the video project.  Phase 4: Monitoring The lecturer monitors the student process of collecting project results. Students submit their work according to the agreed time limit  Phase 5: Testing the Results Students test the results of the video, whether the basic technique of gripping and forehand and backhand strokes in badminton are correct. The video testing process was observed by the lecturer to see the quality of the video product on basic grip techniques and foreshand and backhand.	
timeline for completing the video project.	forehand and backhand strokes in badminton and their creations.	
Phase 4:     Monitoring     The lecturer     monitors the     student     process of     collecting     project results.     Students     submit their     work according     to the agreed     time limit	Phase 6: Evaluation of Student Experience editing the video and layout before uploading it to YouTube. The lecturer gives students time to reflect and revise the project. The lecturer provides suggestions and input on the project. 2X50' / 3.18 ECTS	
Phase 5: Testing the Results Students test the results of the video, whether the basic technique of gripping and forehand and backhand strokes in badminton are correct. The video testing process was observed by the lecturer to see the quality of the video product on basic grip techniques and forehand and backhand strokes in badminton and their creations.		
Phase 6:     Evaluation of     Student     Experience     editing the     video and     layout before     uploading it to     YouTube.     The lecturer     gives students     time to reflect     and revise the     project.     The lecturer     provides     suggestions     and input on     the project.     2X50' / 3.18     ECTE		

4	Understand and practice basic grip techniques	Students are able to understand and	Criteria: 1.Participation	Learning Form:	Learning Form: Virtual face-to-face lecture	Material: Grip in badminton	5%
	techniques	practice basic	assessment	Face-to-face lecture	via vilearning and zoom	Reference: Hari Setijono and	
	1	grip techniques	rubric 2.Performance		Learning method:	Nurhasan, 2001.	
	1		assessment	Learning	Project Base	Learning to Play	
	1		rubric	method: Project Base	Learning Using Vlearning LMS:	Badminton. Unesa.	
	1		3.Performance assessment	Learning	http://vlearning.unesa.ac.id	Material: Grip	
	'		rubric	• Phase 1:	Phase 1: Determining	Library: Meyer & Meyer Verlag.	
	'		Forms of	Determining Basic	Basic Questions Lecturer asks: What are	2010. Badminton Handbook. BOSS	
	1		Assessment :	Questions	the basic techniques for	Druck und Medien	
	'		Participatory Activities, Project	The lecturer asks: What are	gripping and forehand strokes and backhand in	GmbH.	
	1		Results Assessment /	the basic	badminton.		
	1		Product Assessment	techniques for gripping and	Students respond to lecturers' questions.		
	,			hitting	·		
	1			forehand and backhand in	Phase 2: Developing a     project plan		
	1			backnand in badminton	project plan. The lecturer gives		
	1			Students	students time to design a		
	1			respond to the lecturer's	video about the basic technique of grip and		
	1			questions.	forehand and backhand		
	1			• Phase 2:	strokes in badminton. Students design and		
	1			Developing a	compile a video of the		
	,			project plan. The lecturer	basic technique of grip and stroke forehand and		
	1			gives students	backhand in badminton.		
	1			time to design a video about	Phase 3: Develop a		
	1			the basic	schedule		
	1			technique of grip and	. The lecturer makes a final deadline agreement		
	1			forehand and	video project collection.		
	1			backhand strokes in	Students create a timeline		
	1			badminton.	for completing the video project.		
	1			Students			
	1			design and compile a	Phase 4: Monitoring     The lecturer monitors the		
	1			video of the	student process of collecting project results.		
	1			basic technique of	Students submit their work		
	,			grip and stroke	according to the agreed		
	1			forehand and backhand in	time limit		
	1			badminton.	Phase 5: Testing the		
	1			• Phase 3:	Results Students test the results of		
	1			Develop a	the video, whether the		
	1			schedule . The lecturer	basic technique of gripping and forehand and		
	1			makes a final	backhand strokes in		
	1			deadline agreement	badminton are correct. The video testing process		
	1			video project	was observed by the		
	1			collection. Students	lecturer to see the quality of the video product on		
	1			create a	basic grip techniques and		
	1			timeline for completing the	forehand and backhand strokes in badminton and		
	'			video project.	their creations.		
	!			• Phase 4:	Phase 6: Evaluation of		
	1			Monitoring The lecturer	Student Experience editing the video and		
	1			monitors the	layout before uploading it		
	1			student process of	to YouTube. The lecturer gives		
	1			collecting	students time to reflect and		
	1			project results. Students	revise the project. The lecturer provides		
	1			submit their	suggestions and input on		
	1			work according to the agreed	the project. 2X50' / 3.18 ECTS		
	1			time limit	2X30 / 3.10 EC13		
	1			• Phase 5:			
	1			• Phase 5: Testing the			
	1			Results			
	1			Students test the results of			
	1			the video,			
	,			whether the basic			
	,			technique of			
	1			gripping and forehand and			
	1			backhand			
	1			strokes in badminton are			
	1			correct.			
	•			The video		l	

				testing process was observed by the lecturer to see the quality of the video product on basic grip techniques and forehand and backhand strokes in badminton and their creations.  • Phase 6: Evaluation of Student Experience editing the video and layout before uploading it to YouTube. The lecturer gives students time to reflect and revise the project. The lecturer provides suggestions and input on the project. 2X50' / 3.18 ECTS			
5	Understand and practice basic badminton hitting techniques	Students are able to understand and practice basic badminton hitting techniques	Criteria:  1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture Learning method: Demonstration, discussion and question and answer Basic Techniques for badminton sports strokes 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about Basic Techniques for Badminton Sports 2X50' / 3.18 ECTS	Material: Basic Badminton Hitting Techniques Reference: Grice, T. 2007. Badminton Practical Instructions for Advanced Beginners. Jakarta: Raja GrahaRafindo  Material: Stroking Techniques Literature: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.	5%
6	Understand and practice basic badminton hitting techniques	Students are able to understand and practice basic badminton hitting techniques	Criteria: 1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture Learning method: Demonstration, discussion and question and answer Basic Techniques for badminton sports strokes 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about Basic Techniques for Badminton Sports 2X50° / 3.18 ECTS	Material: Basic Badminton Hitting Techniques Reference: Grice, T. 2007. Badminton Practical Instructions for Advanced Beginners. Jakarta: Raja GrahaRafindo  Material: Stroking Techniques Literature: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.	5%
7	Understand and practice basic serving techniques in badminton	Students are able to understand and practice basic serving techniques in badminton	Criteria: 1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment, Product Assessment, Practices / Performance	Learning Form: Face-to-face lecture Learning method: Demonstration, discussion and question and answer basic techniques of serving in badminton 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about basic techniques of serving in badminton 2X50' / 3.18 ECTS	Material: Serve Library: Vial, Shayne Marc. 2018. Accuracy In The Badminton Short Serve: A Methodological And Kinematic Study. 2016. Edith Cowan University  Material: Serve Techniques Library: Grice, T. 2007. Badminton Practical Instructions for Advanced Beginners. Jakarta : Raja GrahaRafindo	3%

8	Understand and practice basic serving techniques in badminton	Students are able to understand and practice basic serving techniques in badminton	Criteria:  1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Demonstration, discussion and question and answer basic techniques of serving in badminton 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about basic techniques of serving in badminton 2X50' / 3.18 ECTS	Material: Serve Library: Vial, Shayne Marc. 2018. Accuracy In The Badminton Short Serve: A Methodological And Kinematic Study. 2016. Edith Cowan University  Material: Serve Techniques Library: Grice, T. 2007. Badminton Practical Instructions for Advanced Beginners. Jakarta : Raja GrahaRafindo	5%
9	Understand and practice basic footwork techniques	UTS	Criteria: Students are able to master the material from meetings 1-7  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Offline 2X50' / 3.18 ECTS	2X50' / 3.18 ECTS	Material: UTS Knowledge Literature: Alhusin, S. 2007. Loves playing badminton. Surakarta: Setiaji2. Grice, T. 2007. BadmintonPractical Instructions for Beginners and Advanced.Jakarta: Raja GrahaRafindo.3. Hari Setiono and Nurhasan, 2001. Learning to play badminton. Unesa4. Lutan and Suherman, 2000. Physical Education Learning Planning. Jakarta: Ministry of National Education.5. M. Ngalim P, 2002. Learning Planning. Bandung: Rosdakarya Youth6. M. Tohar, 1992. Badminton Sports of Choice. IKIP Semarang.7. Zanwar, M. 1992. Badminton Sports Choice. The effect of badminton training using a score of 21 on increasing Vo2. The thesis is not published. Semarang FIK IKIP. Unnes.  Material: UTS Library Knowledge:	9%

10	Understand and practice basic footwork techniques	Students are able to understand and practice basic footwork techniques	Criteria: 1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Demonstration, discussion and question and answer basic footwork techniques 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about basic footwork techniques 2X50' / 3.18 ECTS	Material: Basic footwork techniques Reference: Grice, T. 2007. Badminton Practical Instructions for Beginners and Advanced. Jakarta: Raja GrahaRafindo  Material: Footwork Literature: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.	5%
11	Understand and practice basic footwork techniques	Students are able to understand and practice basic footwork techniques	Criteria:  1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture Learning method: Demonstration, discussion and question and answer basic footwork techniques 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about basic footwork techniques 2X50' / 3.18 ECTS	Material: Basic footwork techniques Reference: Grice, T. 2007. Badminton Practical Instructions for Beginners and Advanced. Jakarta: Raja GrahaRafindo  Material: Footwork Literature: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.	5%
12	1.Understand and practice various types of shots in a game     2.Creating game modifications related to the type of shot	1.Students are able to understand and practice various types of strokes in a game 2.Students are able to create game modifications in practicing each type of stroke	Criteria:  1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Demonstration, discussion and question and answer various types of shots in a game 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about various types of shots in a game 2X50' / 3.18 ECTS	Material: Types of blows Reader: Vial, Shayne Marc. 2018. Accuracy In The Badminton Short Serve: A Methodological And Kinematic Study. 2016. Edith Cowan University  Material: Badminton Game Literature: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.	5%
13	1.Understand and practice various types of shots in a game     2.Creating game modifications related to the type of shot	1.Students are able to understand and practice various types of strokes in a game     2.Students are able to create game modifications in practicing each type of stroke	Criteria:  1. Participation assessment rubric 2. Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Demonstration, discussion and question and answer various types of shots in a game 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using LMS Vlearning: http://vlearning.unesa.ac.id about various types of shots in a game 2X50' / 3.18 ECTS	Material: Types of blows Reader: Vial, Shayne Marc. 2018. Accuracy In The Badminton Short Serve: A Methodological And Kinematic Study. 2016. Edith Cowan University  Material: Badminton Game Literature: Hari Setijono and Nurhasan, 2001. Learning to Play Badminton. Unesa.	5%
14	Understand and practice match systems and refereeing	Students are able to understand and practice the match and refereeing system	Criteria:  1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Demonstration, discussion and question and answer system of matches and refereeing in badminton 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using Vlearning LMS: http://vlearning.unesa.ac.id about the match and refereeing system in 2X50' badminton / 3.18 ECTS	Material: Refereeing Library: BWF. 2011. Badminton World Federation Handbook II (Laws of Badminton & Regulations).  Material: Referee Reference: Meyer & Meyer Verlag. 2010. Badminton Handbook. BOSS Druck und Medien GmbH.	5%

15	Understand and practice match systems and refereeing	Students are able to understand and practice the match and refereeing system	Criteria: 1.Participation assessment rubric 2.Performance assessment rubric  Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	Learning Form: Face-to-face lecture  Learning method: Demonstration, discussion and question and answer system of matches and refereeing in badminton 2X50' / 3.18 ECTS	Learning Form: Virtual face-to-face lecture via vilearning and zoom  Learning method: Demonstration, discussion and question and answer using Vlearning LMS: http://vlearning.unesa.ac.id about the match and refereeing system in 2X50' badminton / 3.18 ECTS	Material: Refereeing Library: BWF. 2011. Badminton World Federation Handbook II (Laws of Badminton & Regulations).  Material: Referee Reference: Meyer & Meyer Verlag. 2010. Badminton Handbook. BOSS Druck und Medien GmbH.	5%
16	Understand and practice match systems and refereeing	UAS	Criteria: Students are able to master the material from meetings 1-15 Forms of Assessment: Participatory Activities, Project Results Assessment / Product Assessment	2X50' / 3.18 ECTS	2X50' / 3.18 ECTS	Material: UAS Knowledge Library: Meyer & Meyer Verlag. 2010. Badminton Handbook. BOSS Druck und Medien GmbH.	15%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage					
1.	Participatory Activities	52.5%					
2.	Project Results Assessment / Product Assessment	46.5%					
3.	Practice / Performance	1%					
		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.
- 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.
- 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.
- 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 subtopics.
- 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.