



**Universitas Negeri Surabaya  
Faculty of Languages and Arts  
Bachelor of Music 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>																																																																																																				
Music Pedagogical Studies	9123102065	Compulsory Study Program Subjects	T=2	P=0	ECTS=3.18	2	July 16, 2024																																																																																																				
<b>AUTHORIZATION</b>	<b>SP Developer</b>		<b>Course Cluster Coordinator</b>			<b>Study Program Coordinator</b>																																																																																																					
	Raden Roro Maha Kalyana Mitta Anggoro, S.Pd., M.Pd		.....			Agus Suwahyono, S.Sn., M.Pd.																																																																																																					
<b>Learning model</b>	Case Studies																																																																																																										
<b>Program Learning Outcomes (PLO)</b>	<b>PLO study program that is charged to the course</b>																																																																																																										
	<b>PLO-5</b>	Able to master the theory and practice of instruments/vocals for education, development, presentation, creation and study of music																																																																																																									
	<b>PLO-8</b>	Able to apply theoretical and practical aspects in the art of music using academic discourse presentation methods, the results of which are shown in individual paper presentations.																																																																																																									
	<b>PLO-13</b>	Able to design teaching methods for classical and individual music learning in the world of education.																																																																																																									
	<b>PLO-14</b>	Able to provide counseling and guidance regarding classical and individual music learning methods in the world of education.																																																																																																									
	<b>Program Objectives (PO)</b>																																																																																																										
	<b>PO - 1</b>	CPMK-S (Have a high level of discipline and responsibility in music pedagogical studies)																																																																																																									
	<b>PO - 2</b>	CPMK-KU (Utilizing learning resources and ICT to support the design and implementation of Music Pedagogical Studies lectures including literature study to obtain data on the model forms of Music Pedagogical Studies, browsing the internet to obtain data on the latest Music Pedagogical Studies practice patterns by downloading on the site free or paid)																																																																																																									
	<b>PO - 3</b>	CPMK-KK (Design/ compose/ discuss/ present/ form new patterns in Music Pedagogy)																																																																																																									
	<b>PO - 4</b>	CPMK-P (Have knowledge of Music Pedagogy, Music Pedagogic skills with various Music Pedagogical techniques, and can present songs for Music Pedagogic practice in front of the class.)																																																																																																									
	<b>PLO-PO Matrix</b>																																																																																																										
		<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>P.O</th> <th>PLO-5</th> <th>PLO-8</th> <th>PLO-13</th> <th colspan="3">PLO-14</th> </tr> </thead> <tbody> <tr> <td>PO-1</td> <td></td> <td></td> <td></td> <td colspan="3">✓</td> </tr> <tr> <td>PO-2</td> <td></td> <td>✓</td> <td></td> <td colspan="3"></td> </tr> <tr> <td>PO-3</td> <td></td> <td>✓</td> <td>✓</td> <td colspan="3"></td> </tr> <tr> <td>PO-4</td> <td>✓</td> <td></td> <td></td> <td colspan="3"></td> </tr> </tbody> </table>						P.O	PLO-5	PLO-8	PLO-13	PLO-14			PO-1				✓			PO-2		✓					PO-3		✓	✓				PO-4	✓																																																																						
	P.O	PLO-5	PLO-8	PLO-13	PLO-14																																																																																																						
	PO-1				✓																																																																																																						
	PO-2		✓																																																																																																								
PO-3		✓	✓																																																																																																								
PO-4	✓																																																																																																										
<b>PO Matrix at the end of each learning stage (Sub-PO)</b>																																																																																																											
	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <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> </thead> <tbody> <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> </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> </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> </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> </tr> </tbody> </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	✓	✓	✓			✓	✓									
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	✓	✓	✓			✓	✓																																																																																																				
<b>Short Course Description</b>	Knowledge and understanding of musical knowledge includes pedagogical studies																																																																																																										

References	Main :						
	1. Sinichi Suzuki vol 1-10 2. Banoe, Pono. 1984. Pengantar Pengetahuan Alat Musik . Jakarta: CV 3. Kamien, Roger. 2015. Music: An Appreciation . New York: McGraw-Hill						
	Supporters:						
Supporting lecturer		Dhani Kristiandri, S.Pd., M.Sn. Raden Roro Maha Kalyana Mitta Anggoro, 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	1.Know the outline of lecture material. Understand the lecture contract 2.Understand the lecture contract	1.State an outline of the lecture material 2.Agree on a study contract	<b>Criteria:</b> 1.Lecture 2.Question and answer 3.Demonstration 4.Practice  <b>Form of Assessment :</b> Participatory Activities	Direct instruction Brainstorming Discussion 2 X 50	Synchronous Discussion Brainstorming	<b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Sinichi Suzuki vol 1-10</i> ----- <b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i> ----- <b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%
2	1.Know the outline of lecture material. Understand the lecture contract 2.Understand the lecture contract	1.State an outline of the lecture material 2.Agree on a study contract	<b>Criteria:</b> 1.Lecture 2.Question and answer 3.Demonstration 4.Practice  <b>Form of Assessment :</b> Participatory Activities	Direct instruction Brainstorming Discussion 2 X 50	Synchronous Discussion Brainstorming	<b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Sinichi Suzuki vol 1-10</i> ----- <b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i> ----- <b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%

3	1. Know the outline of lecture material. Understand the lecture contract 2. Understand the lecture contract	1. State an outline of the lecture material 2. Agree on a study contract	<b>Criteria:</b> 1. Lecture 2. Question and answer 3. Demonstration 4. Practice  <b>Form of Assessment :</b> Participatory Activities	Direct instruction Brainstorming Discussion 2 X 50	Synchronous Discussion Brainstorming	<b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Sinichi Suzuki vol 1-10</i>  <b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i>  <b>Material:</b> Explanation of lecture material <b>Reader:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%
4	Knowledge of music pedagogical studies	get to know the study of music pedagogy	<b>Criteria:</b> 1. Lecture 2. Question and answer 3. Demonstration 4. Practice  <b>Form of Assessment :</b> Participatory Activities	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<b>Material:</b> Pedagogical study material <b>Library:</b> <i>Sinichi Suzuki vol 1-10</i>  <b>Material:</b> Pedagogical study material <b>Literature:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i>  <b>Material:</b> Pedagogical study material <b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%

5	Knowledge of music pedagogical studies	get to know the study of music pedagogy	<b>Criteria:</b> 1.Lecture 2.Question and answer 3.Demonstration 4.Practice  <b>Form of Assessment</b> : Participatory Activities	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<b>Material:</b> Pedagogical study material <b>Library:</b> <i>Sinichi Suzuki vol 1-10</i> ----- <b>Material:</b> Pedagogical study material <b>Literature:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i> ----- <b>Material:</b> Pedagogical study material <b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%
6	Knowledge of music pedagogical studies	get to know the study of music pedagogy	<b>Criteria:</b> 1.Lecture 2.Question and answer 3.Demonstration 4.Practice  <b>Form of Assessment</b> : Participatory Activities	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<b>Material:</b> Pedagogical study material <b>Library:</b> <i>Sinichi Suzuki vol 1-10</i> ----- <b>Material:</b> Pedagogical study material <b>Literature:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i> ----- <b>Material:</b> Pedagogical study material <b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%

7	Knowledge of music pedagogical studies	get to know the study of music pedagogy	<b>Criteria:</b> 1.Lecture 2.Question and answer 3.Demonstration 4.Practice  <b>Form of Assessment :</b> Participatory Activities	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<b>Material:</b> Pedagogical study material <b>Library:</b> <i>Sinichi Suzuki vol 1-10</i> ----- <b>Material:</b> Pedagogical study material <b>Literature:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i> ----- <b>Material:</b> Pedagogical study material <b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%
8	Able to develop pedagogical models related to music pedagogical media	get to know the study of music pedagogy	<b>Criteria:</b> Practice test  <b>Form of Assessment :</b> Test	2 X 50		<b>Material:</b> Development of a pedagogical model related to music pedagogical media. <b>References:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i>	10%
9	Able to develop pedagogical models related to music pedagogical media	1.Can compare music pedagogical models 2.Can analyze media forms in music pedagogical models 3.Can elaborate on pedagogical media	<b>Criteria:</b> 1.Lecture 2.Question and answer 3.Demonstration 4.Practice  <b>Form of Assessment :</b> Participatory Activities	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<b>Material:</b> Development of a pedagogical model <b>Reference:</b> <i>Sinichi Suzuki vol 1-10</i> ----- <b>Material:</b> Development of a pedagogical model <b>References:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i> ----- <b>Material:</b> Development of a pedagogical model <b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i>	5%

10	Able to develop pedagogical models related to music pedagogical media	<ol style="list-style-type: none"> <li>1.Can compare music pedagogical models</li> <li>2.Can analyze media forms in music pedagogical models</li> <li>3.Can elaborate on pedagogical media</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.Lecture</li> <li>2.Question and answer</li> <li>3.Demonstration</li> <li>4.Practice</li> </ol> <p><b>Form of Assessment :</b> Participatory Activities</p>	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<p><b>Material:</b> Development of a pedagogical model</p> <p><b>Reference:</b> <i>Sinichi Suzuki vol 1-10</i></p> <hr/> <p><b>Material:</b> Development of a pedagogical model</p> <p><b>References:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p> <hr/> <p><b>Material:</b> Development of a pedagogical model</p> <p><b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i></p>	5%
11	<ol style="list-style-type: none"> <li>1.Able to develop music learning media</li> <li>2.Able to develop integrated media</li> </ol>	<ol style="list-style-type: none"> <li>1.Can describe the meaning of music learning studies</li> <li>2.Can analyze types of music learning media</li> <li>3.Can describe integrated media.</li> <li>4.Can analyze integrated media.</li> <li>5.Can elaborate on integrated media.</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.Lecture</li> <li>2.Question and answer</li> <li>3.Demonstration</li> <li>4.Practice</li> </ol> <p><b>Form of Assessment :</b> Portfolio Assessment</p>	Direct instruction Brainstorming Discussion, Practice 2 X 50	Synchronous Brainstorming Discussion, Practice	<p><b>Material:</b> Development of music media</p> <p><b>Reference:</b> <i>Sinichi Suzuki vol 1-10</i></p> <hr/> <p><b>Material:</b> Development of music media</p> <p><b>Literature:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p> <hr/> <p><b>Material:</b> Development of music media</p> <p><b>References:</b> <i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i></p>	5%

12	<p>1.Able to develop music learning media</p> <p>2.Able to develop integrated media</p>	<p>1.Can describe the meaning of music learning studies</p> <p>2.Can analyze types of music learning media</p> <p>3.Can describe integrated media.</p> <p>4.Can analyze integrated media.</p> <p>5.Can elaborate on integrated media.</p>	<p><b>Criteria:</b></p> <p>1.Lecture</p> <p>2.Question and answer</p> <p>3.Demonstration</p> <p>4.Practice</p> <p><b>Form of Assessment :</b></p> <p>Participatory Activities</p>	<p>Direct instruction</p> <p>Brainstorming</p> <p>Discussion, Practice</p> <p>2 X 50</p>	<p>Synchronous</p> <p>Brainstorming</p> <p>Discussion, Practice</p>	<p><b>Material:</b></p> <p>Development of music media</p> <p><b>Reference:</b></p> <p><i>Sinichi Suzuki vol 1-10</i></p> <hr/> <p><b>Material:</b></p> <p>Development of music media</p> <p><b>Literature:</b></p> <p><i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p> <hr/> <p><b>Material:</b></p> <p>Development of music media</p> <p><b>References:</b></p> <p><i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i></p>	5%
13	<p>1.Able to develop music learning media</p> <p>2.Able to develop integrated media</p>	<p>1.Can describe the meaning of music learning studies</p> <p>2.Can analyze types of music learning media</p> <p>3.Can describe integrated media.</p> <p>4.Can analyze integrated media.</p> <p>5.Can elaborate on integrated media.</p>	<p><b>Criteria:</b></p> <p>1.Lecture</p> <p>2.Question and answer</p> <p>3.Demonstration</p> <p>4.Practice</p> <p><b>Form of Assessment :</b></p> <p>Portfolio Assessment</p>	<p>Direct instruction</p> <p>Brainstorming</p> <p>Discussion, Practice</p> <p>2 X 50</p>	<p>Synchronous</p> <p>Brainstorming</p> <p>Discussion, Practice</p>	<p><b>Material:</b></p> <p>Developing music learning media</p> <p><b>Reference:</b></p> <p><i>Sinichi Suzuki vol 1-10</i></p> <hr/> <p><b>Material:</b></p> <p>Developing music learning media</p> <p><b>Literature:</b></p> <p><i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p> <hr/> <p><b>Material:</b></p> <p>Developing music learning media</p> <p><b>References:</b></p> <p><i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i></p>	5%

14	<p>1.Able to develop music learning media</p> <p>2.Able to develop integrated media</p>	<p>1.Can describe the meaning of music learning studies</p> <p>2.Can analyze types of music learning media</p> <p>3.Can describe integrated media.</p> <p>4.Can analyze integrated media.</p> <p>5.Can elaborate on integrated media.</p>	<p><b>Criteria:</b></p> <p>1.Lecture</p> <p>2.Question and answer</p> <p>3.Demonstration</p> <p>4.Practice</p> <p><b>Form of Assessment :</b></p> <p>Portfolio Assessment</p>	<p>Direct instruction</p> <p>Brainstorming</p> <p>Discussion, Practice</p> <p>2 X 50</p>	<p>Synchronous</p> <p>Brainstorming</p> <p>Discussion, Practice</p>	<p><b>Material:</b></p> <p>Developing music learning media</p> <p><b>Reference:</b></p> <p><i>Sinichi Suzuki vol 1-10</i></p> <hr/> <p><b>Material:</b></p> <p>Developing music learning media</p> <p><b>Literature:</b></p> <p><i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p> <hr/> <p><b>Material:</b></p> <p>Developing music learning media</p> <p><b>References:</b></p> <p><i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i></p>	5%
15	<p>Mastering the process of making and creating integrated music art learning media with musical elements.</p>	<p>1.Can choose the form of presentation of music learning media.</p> <p>2.Can design music art learning media models.</p> <p>3.Can prepare music learning media materials.</p> <p>4.Can arrange the structure of music learning media.</p> <p>5.Can elaborate on the framework of music learning media.</p> <p>6.Can measure the quality of music learning media.</p>	<p><b>Criteria:</b></p> <p>1.Lecture</p> <p>2.Question and answer</p> <p>3.Demonstration</p> <p>4.Practice</p> <p><b>Form of Assessment :</b></p> <p>Portfolio Assessment</p>	<p>Direct instruction</p> <p>Brainstorming</p> <p>Discussion, Practice</p> <p>2 X 50</p>	<p>Synchronous</p> <p>Brainstorming</p> <p>Discussion, Practice</p>	<p><b>Material:</b></p> <p>Making and creating learning media</p> <p><b>Reference:</b></p> <p><i>Sinichi Suzuki vol 1-10</i></p> <hr/> <p><b>Material:</b></p> <p>Making and creating learning media</p> <p><b>Library:</b></p> <p><i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p> <hr/> <p><b>Material:</b></p> <p>Creation and creation of learning media</p> <p><b>References:</b></p> <p><i>Kamien, Roger. 2015. Music: An Appreciation. New York: McGraw-Hill</i></p>	5%



16	Mastering the process of making and creating integrated music art learning media with musical elements.	<ol style="list-style-type: none"> <li>1.Can choose the form of presentation of music learning media.</li> <li>2.Can design music art learning media models.</li> <li>3.Can prepare music learning media materials.</li> <li>4.Can arrange the structure of music learning media.</li> <li>5.Can elaborate on the framework of music learning media.</li> <li>6.Can measure the quality of music learning media.</li> </ol>	<p><b>Criteria:</b> Full marks if you are able to answer the questions correctly</p> <p><b>Form of Assessment :</b> Participatory Activities, Tests</p>	2 X 50		<p><b>Material:</b> Elaboration of the music arts learning media framework.</p> <p><b>References:</b> <i>Banoe, Pono. 1984. Introduction to Musical Instrument Knowledge. Jakarta: CV</i></p>	20%
----	---	---	---	--------	--	---	-----

**Evaluation Percentage Recap: Case Study**

No	Evaluation	Percentage
1.	Participatory Activities	60%
2.	Portfolio Assessment	20%
3.	Test	20%
		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.

