

**Daffodil Polytechnic Institute, Institute Code: 50238**  
**Lesson Plan – Academic session: April to August 2022**

**Subject Teacher** : Asfakur Rahman Togor (Instructor)  
**Subject Name** : Garments Finishing and Quality Control  
**Subject Code** : 5074  
**Technology** : GDPM  
**Semester** : 7<sup>th</sup> GDPM  
**Text Book** : Garments Production Planning and Control (Publisher: prime Publication)

Marks	Grade Point	Letter Grade	Marks	Grade Point	Letter Grade
80>	4.00	A+	55-59	2.75	B-
75-79	3.75	A	50-54	2.50	C+
70-74	3.50	A-	45-49	2.25	C
65-69	3.25	B+	40-44	2.00	D
60-64	3.00	B	0-39	0.00	F

Mark Distribution (for 200 Marks)			
Theory Marks		Practical Marks	
Midterm	20	PC	25
Class test	05	PF	25
Quiz test	05	-	-
Final	120	-	-
Total	150	Total	50

Class Timing Distribution	
Particulars	Time
Greeting with students	05 Minutes
Taking Attendance	05 Minutes
Previous Class Review	10 Minutes
Present Class Topic Discussion and Lecture Delivery	40 Minutes
Students problem solving	10 Minutes
Present Class Topics Review	10 Minutes
Future topic discussion	10 Minutes

**Reference books:**

1. PRODUCTION PLANNING & CONTROL- J. H. SPENCER.
2. PRODUCTION PLANNING IN INDUSTRY-KELVEIN.

**INTENTION:**

- Our student will develop understanding on planning of garments production and control.
- Our student can acquire knowledge of material and inventory management of garments industry.
- Our student can get basic knowledge on garments tools of planning and material handling.
- Our student will develop knowledge of garments product and service design.

**SHORT DESCRIPTION ABOUT BOOKS STUDIES:**

Basic aspects of Production planning; Tools of planning; Materials handling; Product and service design; Material management; Inventory management; Scheduling.

LECTURE	CHAPTER	SUPPORTING EQUIPMENT	LEARNING AREA	LEARNING OUTCOME
01	<b>1. THE PRODUCTION PLANNING.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>  <b>Video:</b> <a href="https://www.youtube.com/watch?v=hfQGHh5NIXI">https://www.youtube.com/watch?v=hfQGHh5NIXI</a>	1.1 Define planning.  1.2 Define production planning.  1.3 Describe garments production planning schedule.  1.4 Describe the objects of production planning.	After completing the class my student will have knowledge about garments production planning
02	<b>1. THE PRODUCTION PLANNING.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>	1.5 Describe the criteria or points before going to production.  1.6 Describe the characteristics of	After completing the class my student will have knowledge about criteria or points before

		<b>Video:</b> <a href="https://www.youtube.com/watch?v=hfQGHh5NIXI">https://www.youtube.com/watch?v=hfQGHh5NIXI</a>	effective production planning. 1.7 Describe the information required for effective production planning.	going to production and characteristics of effective production planning.
03	<b>2. THE TOOLS OF PLANNING.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>  <b>Video:</b> <a href="https://www.youtube.com/watch?v=nw5EaAA-EQg">https://www.youtube.com/watch?v=nw5EaAA-EQg</a>	2.1 Describe the tools of planning. 2.2 Classify the tools of planning. 2.3 Define work study. 2.4 Describe the purpose of work study. 2.5 Describe the importance of work study. 2.6 Describe the procedure of work study.	After completing the class my student will identify the tools of planning and able to understand purpose, importance, procedure of work study.
04	<b>2. THE TOOLS OF PLANNING.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>  <b>Video:</b> <a href="https://www.youtube.com/watch?v=nw5EaAA-EQg">https://www.youtube.com/watch?v=nw5EaAA-EQg</a>	2.7 Mention the fields of application of work study. 2.8 Define work measurement. 2.9 Describe the procedure of work measurement. 2.10 Describe time study. 2.11 Describe the procedure of time study. 2.12 Describe motion study. 2.13 Describe the application of tools of planning in garments factory.	After completing the class my student will identify the fields of application of work study and able to understand procedure of work measurement & Time study.
05	<b>Quiz Test 1</b>	<b>Equipment:</b> <b>Exam Paper, Question Paper</b>	<b>Chapter 1 &amp; Chapter 2</b>	<b>After the test my student can assess what they have learned with regards to the previous lecture.</b>
06	<b>3. THE MATERIAL HANDLING.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>	3.1 Define material handling. 3.2 Describe the importance of material handling. 3.3 Mention the classification of	After completing the class my student will be able to describe the whole process of material handling.

		<b>Video:</b> <a href="https://www.youtube.com/watch?v=eC2JWZYBVG8">https://www.youtube.com/watch?v=eC2JWZYBVG8</a>	handling. 3.4 Mention the objectives of handling. 3.5 Describe the procedure of handling.	
07	<b>4. THE PRODUCT AND SERVICE DESIGN.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>  <b>Video:</b> <a href="https://www.youtube.com/watch?v=v7Y5BI0oiU8">https://www.youtube.com/watch?v=v7Y5BI0oiU8</a>	4.1 Describe project and service design. 4.2 Describe different types of process of product design. 4.3 Describe different types of flow diagram of product design.	After completing the class my student will get knowledge about product and service design.
08	<b>4. THE PRODUCT AND SERVICE DESIGN.</b>	<b>Equipment:</b> Computer, Projector  <b>Power Point Presentation.</b>  <b>Video:</b> <a href="https://www.youtube.com/watch?v=v7Y5BI0oiU8">https://www.youtube.com/watch?v=v7Y5BI0oiU8</a>	4.4 Describe the operational classification of services & designing of service. 4.5 Describe the structure of services encounter.	After completing the class my student will get knowledge about operational classification of services & designing of service and structure of services encounter.
09	<b>Quiz Test 2</b>	<b>Equipment:</b> <b>Exam Paper, Question Paper</b>	<b>Chapter 3 &amp; 4</b>	<b>After the test my student can assess what they have learned with regards to the previous lecture.</b>
10	<b>Review Class</b>		<b>Chapter:1</b>	<b>After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.</b>
11	<b>Review Class</b>		<b>Chapter:2</b>	<b>After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.</b>

12	Class Test 1	Equipment: Exam Paper, Question Paper.	Chapter:1-2	After the test my student can assess what they have learned with regards to the previous lecture.
13	Review class		Chapter: 3	After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.
14	Review class		Chapter: 4	After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.
15	Class Test 2	Equipment: Exam Paper, Question Paper	Chapter:3 & 4	After the test my student can assess what they have learned with regards to the previous lecture.
16	Presentation	Equipment: Laptop, Projector	Short presentation on Different subject related topic by individual group.	After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.
<b>Model Test on completed Chapter</b>				
<b>Mid Term Examination</b>				

17	<b>5. THE MATERIAL MANAGEMENT.</b>	<p><b>Equipment:</b> Computer, Projector</p> <p><b>Power Point Presentation.</b></p> <p><b>Video:</b> <a href="https://www.youtube.com/watch?v=VyPspzfwDjg">https://www.youtube.com/watch?v=VyPspzfwDjg</a></p>	<p>5.1 Define material management.</p> <p>5.2 Describe purchase procedure.</p> <p>5.3 Describe distribution system.</p>	After completing the class my student will be able to understand material management system.
18	<b>5. THE MATERIAL MANAGEMENT.</b>	<p><b>Equipment:</b> Computer, Projector</p> <p><b>Power Point Presentation.</b></p> <p><b>Video:</b> <a href="https://www.youtube.com/watch?v=VyPspzfwDjg">https://www.youtube.com/watch?v=VyPspzfwDjg</a></p>	<p>5.4 Describe measurements of performance of material management.</p> <p>5.5 Describe the strategy of supply chain.</p> <p>5.6 Describe the dynamics of supply chain.</p>	After completing the class my student will be able to understand supply chain management.
19	<b>Quiz Test 3</b>	<b>Equipment:</b> <b>Exam Paper, Question Paper</b>	<b>Chapter 5</b>	<b>After the test my student can assess what they have learned with regards to the previous lecture.</b>
20	<b>6. THE INVENTORY CONTROL MANAGEMENT.</b>	<p><b>Equipment:</b> Computer, Projector</p> <p><b>Power Point Presentation.</b></p> <p><b>Video:</b> <a href="https://www.youtube.com/watch?v=VyPspzfwDjg">https://www.youtube.com/watch?v=VyPspzfwDjg</a> <a href="https://www.youtube.com/watch?v=2n9NLZTIlz8">https://www.youtube.com/watch?v=2n9NLZTIlz8</a></p>	<p>6.1 Define inventory management.</p> <p>6.2 Describe inventory control system (p &amp; q system).</p> <p>6.3 Describe economic order quality models including single period and discounting situation in economic order of quantity.</p>	After completing the class my student will be able to understand the process of inventory control system
21	<b>7. THE SCHEDULING.</b>	<p><b>Equipment:</b> Computer, Projector</p> <p><b>Power Point Presentation.</b></p> <p><b>Video:</b> <a href="https://www.youtube.com/watch?v=VyPspzfwDjg">https://www.youtube.com/watch?v=VyPspzfwDjg</a> <a href="https://www.youtube.com/watch?v=pGRZ8laY-2U">https://www.youtube.com/watch?v=pGRZ8laY-2U</a></p>	<p>7.1 Describe scheduling of key manufacturing of garments.</p> <p>7.2 Describe job shop dispatching.</p> <p>7.3 Describe the sequences of operations for single and multi-machines.</p>	After completing the class my student will be able to understand the scheduling and sequences of operations for single and multi-machines.
22	<b>7. THE SCHEDULING.</b>	<p><b>Equipment:</b> Computer, Projector</p>	<p>7.4 Describe scheduling customer demand &amp; scheduling work force.</p> <p>7.5 Describe just in time,</p>	After completing the class my student will be able to understand

		<b>Power Point Presentation.</b>  <b>Video:</b> <a href="https://www.youtube.com/watch?v=VyPspzfwDjg">https://www.youtube.com/watch?v=VyPspzfwDjg</a>	scheduling system and its gant chart.	the scheduling customer demand, scheduling work force and can describe just in time, scheduling system and its gant chart.
23	<b>Quiz Test 4</b>	<b>Equipment: Exam Paper, Question Paper</b>	<b>Chapter 6 &amp; 7</b>	<b>After the test my student can assess what they have learned with regards to the previous lecture.</b>
24	<b>Review class</b>		<b>Chapter: 5</b>	<b>After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.</b>
25	<b>Review class</b>		<b>Chapter: 6</b>	<b>After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.</b>
26	<b>Class Test 3</b>	<b>Equipment: Exam Paper, Question Paper.</b>	<b>Chapter: 5 &amp; 6</b>	<b>After the test my student can assess what they have learned with regards to the previous lecture.</b>
27	<b>Review class</b>		<b>Chapter: 7</b>	<b>After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self-study.</b>

	<b>Class Test 4</b>	<b>Equipment: Exam Paper, Question Paper.</b>	<b>Chapter: 7</b>	<b>After the test my student can assess what they have learned with regards to the previous lecture.</b>
28	<b>Presentation</b>	<b>Equipment: Laptop, Projector</b>	<b>Short presentation on Different subject related topic by individual group.</b>	<b>After completing the review class my student will be able to get missed knowledge from the previous lecture and get all the solution of the problem which they faced in their self- study.</b>
<b>Model Test on All Chapter</b>				
<b>Semester Final</b>				