

**(14)**

**Department of Ready-made Garments**

Table No (107) Department: Ready-Made Garments Department No: (14)

First Year First Semester

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	1101	Ready-Made Garments Design Basics	2	4	6	-	60	-	60	Extended
2	1102	Garments Design	-	8	8	-	60	-	60	Extended
3	1203	Textiles Nature	1	1	2	10	10	30	50	2
4	1207	Account Management	2	-	2	10	10	30	50	2
5	1208	Economy Introduction	2	-	2	10	10	30	50	2
6	1115	Garments Packaging and Storage	2	2	4	20	20	60	100	2
7	1502	Nature	1	2	3	15	15	45	75	2
8	1501	Chemistry	1	2	3	15	15	45	75	2
9	1405	Geometric Perspective	1	3	4	20	20	60	100	2
10	1602	Languages	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				670

Table No (108) Department: Ready-Made Garments Department No: (14)

First Year Second Semester

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	1101	Ready-Made Garments Design Basics	2	4	6	-	90	-	90	Discussion
2	1102	Garments Design	-	8	8	-	90	-	90	Discussion
3	1110	Patterns Technology	1	1	2	20	20	60	100	2
4	1116	Garments History	2	1	3	20	20	60	100	2
5	1113	Garments Production Management	2	1	3	20	20	60	100	2
6	1206	Methods of Threads Production	2	-	2	20	20	60	100	2
7	1213	Computer	1	3	4	20	20	60	100	2
8	1503	Mathematics	2	-	2	10	10	30	50	2
9	10-1306	Still Nature	-	4	4	-	100	-	100	Discussion
10	11-1602	History of Arts	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				880

Table No (109) Department: Ready-Made Garments Department No: (14)  
 Second Year First Semester

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	2103	Garments Design	-	8	8	-	60	-	60	Extended
2	2106	Garments Production Technology	2	4	6	30	30	90	150	2
3	2108	Garments Embroidery	-	6	6	-	200	-	200	Discussion
4	2211	Weaving Structures	2	-	2	10	10	30	50	2
5	2209	Work Economics and Statistics	2	-	2	10	10	30	50	2
6	2505	Nature	1	2	3	15	15	45	75	2
7	2501	Chemistry	1	2	3	15	15	45	75	2
8	11-2603	History of Arts	2	-	2	10	10	30	50	2
9	2407	Planning and Production Management	2	-	2	10	10	30	50	2
10	2505	Feasibility Studies	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				810

Table No (110) Department: Ready-Made Garments Department No: (14)  
 Second Year Second Semester

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	2103	Garments Design	-	8	8	-	90	-	90	Discussion
2	2106	Patterns Technology	3	3	6	20	20	60	100	2
3	2112	Garments Management and Marketing	1	-	2	10	10	30	50	2
4	2113	Garments Production Management	2	2	4	20	20	60	100	2
5	2204	Textile Chemistry	2	2	4	20	20	60	100	2
6	2405	Computer	1	3	4	20	20	60	100	2
7	2503	Mathematics	2	-	2	10	10	30	50	2
8	10-2306	Still Nature	-	4	4	-	100	-	100	Discussion
9	2607	Languages	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				740

Table No (111) Department: Ready-Made Garments Department No: (14)

Third Year First Semester

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	3104	Garments Design	-	8	8	-	80	-	80	Extended
2	3106	Garments Production Technology	2	4	6	30	30	90	150	2
3	3107	Ready-Made Garments Machines	2	4	6	30	30	90	150	2
4	3114	Knitting Production Technology	2	2	4	20	20	60	100	2
5	3704	Ecology	2	4	6	30	30	90	150	2
6	3406	Electrical Engineering	2	-	2	10	10	30	50	2
7	3604	Criticism and Art Appreciation	2	-	2	10	10	30	50	2
8	3605	Aesthetics	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				780

Table No (112) Department: Ready-Made Garments Department No: (14)

Third Year Semester: Second

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	3104	Garments Design	-	8	8	-	120	-	120	Discussion
2	3109	Quality Control and Measurements	3	3	6	20	20	60	100	2
3	3112	Garments Management and Marketing	2	-	2	10	10	30	50	2
4	3210	Textile Methods	2	-	2	10	10	30	50	2
5	3202	Garments Dyeing and Finishing Technology	2	4	6	30	30	90	150	2
6	3403	Computer	1	3	4	20	20	60	100	2
7	3602	Languages	2	-	2	10	10	30	50	2
8	10-3307	Living Nature	-	4	4	-	100	-	100	Discussion
9	11-3603	History of Arts	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				770

Table No (113) Department: Ready-Made Garments Department No: (14)  
 Fourth Year First Semester

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	4105	Garments Design	-	8	8	-	200	-	200	Discussion
2	4106	Garments Production Technology	2	4	6	30	30	90	150	2
3	4107	Ready-Made Garments Machines	2	4	6	30	30	90	150	2
4	4111	Color Science and its Applications	2	2	4	20	20	60	100	2
5	4707	Ecology	2	4	6	30	30	90	150	2
6	4604	Criticism and Art Appreciation	2	-	2	10	10	30	50	2
7	4605	Aesthetics	2	-	2	10	10	30	50	2
8	4705	Introduction to Psychology	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				900

Table No (114) Department: Ready-Made Garments Department No (14)  
 Fourth Year Semester: Second

No	Code No	Course Title	Number of Weekly Hours			Marks Distribution				Exam Hours
			Lecture	Lesson	Total	Semester Work Marks	Discussion/ Oral	Written	Total	
1	4109	Quality Control and Measurements	2	2	4	20	20	60	100	2
2	4117	Garments Design Economies	2	2	4	20	20	60	100	2
3	4201	Ready-Made Garments Printing	3	3	6	30	30	90	150	2
4	4205	Laws and Regulations of Garments Exporting	2	-	2	10	10	30	50	2
5	4118	Bachelor Project	-	8	8	-	200	-	200	Discussion
6	4403	Computer	1	3	4	20	20	60	100	2
7	4602	Languages	2	-	2	10	10	30	50	2
8	10-4307	Living Nature	-	4	4	-	100	-	100	Discussion
9	11-4603	History of arts	2	-	2	10	10	30	50	2
Total Weekly Hours			14	22	36	Total Marks				900

## **(14) Department of Ready-Made Garments**

### **14- 1101 Ready-Made Garments Design Basics**

Designing Elements of Fashion Design: form, font, color, texture, anatomical and artistic Study of human-body –studying croquets – diagrams of body and its parts.

### **14- 1102 Children Garments Design**

Studying, designing and innovating children fashion and garments for different ages with all of their kinds – child dress – collar – salubit – all child needs – underwear – home wear.

### **Women Garments Design**

Studying all kinds of women clothes –designing and preparing different clothes including: dress, skirt kinds, blouse, corsage, night and wedding clothes, thiers and their kinds, home wear (outerwear and underwear), coats, methods of forming by ore on mannequin, using computer in designing fashion and clothes.

### **Men Garments Design**

Designing and developing different clothes whether outer or underwear for men which include: trousers, shirt, suit, night clothes, home wear, all coats kinds, forming on mannequins and using computer in designing and preparing garments.

### **14- 4105 Garments Design**

Designing and developing different sport games for kids, women and men, swimwear, police uniforms, Army Forces uniforms, factory workers garments for women and men as well as other special professions.

### **14- 2106 Garments Production Technology (1)**

Concepts and trainings to produce main elements related to garments beginning from choosing other fabrics and raw materials of clothes, components of clothing pieces, pattern evolution, phases and engineering of pattern, methods of patterns evolution and solving production problems, pattern requirement of making exploration or necessary photos for the designer's creation.

#### **14- 3106 Garments Production Technology (2)**

Garments Production Basics –Making Signs (stencil – computer), making signs calculating and designing for garments products – basics and methods of cutting raw materials used in garments production.

#### **14- 4106 Garments Production Technology (3)**

Knitting and its association with artificial knitting machines – different knitting machines and how to be used – Ironing Operations – Rules of Garments Formation and Ironing – Permanent Ironing by Pressure, Temperature and Humidity – Steam Distribution Device – shrinking – fusion – designing traditional and nontraditional work places concerned with garments production.

#### **14- 3107 Ready-Made Garments Machines**

Theoretical and practical rules for operating different artificial machines – Machines Components – Helping Equipment – Machines for Cutting Fabrics and Raw Materials – Hand Scissors – Electric Scissors – Knitting Machines – Ironing – Maintenance Methods.

#### **14- 4107 Ready-Made garments Machines (2)**

Theories of Embroidery and Knitting Machines – their kinds – Usage Methods – Using Computer – Maintenance Methods.

#### **14- 2108 Garments Designing and Embroidery**

Manual Embroidery – Automatic Embroidery – styles and methods of different embroidery – different materials used in Embroidery.

#### **14- 3101 Quality Control and Measurements (1)**

Standard styles and methods for testing and measuring natural and mechanical properties of fabrics – properties of color fixation – Measure Methods Basics – influence of test conditions – designing test and explaining results of measurement in the light of final product requirements – studying and analyzing critical phases in the cycle of garments production.

#### **14- 3114 Knitting Production Technology**

Knitting Fabrics Production Technology –Types of Knitting Fabrics Structures – mechanical rules associated with knitting machines of warp and weft – Pattern Making Mechanism – modern evolutions and managing knitting production operations – computer, designing and producing knitting fabrics.

#### **14- 1115 Storage**

Studying best conditions for storing raw materials and adjuvants – intermediate products – final Products – methods and types of different storage – methods and styles of packaging different garments.

#### **14- 1116 History of Garments**

Historical study about the emergence of textiles and their evolution through different ages – fashion and clothes in ancient times: Pharaonic, Islamic and Modern – used materials – different styles for fashion.

#### **14- 4117 Garments Design Economies**

Factors controlling best and economic use of other fabrics and raw materials used in producing garments – Pattern Sings – Fabrics Consumption – difference of fabrics width and its relation to consumption – fabrics defects and general usage.

#### **14- 4201 Ready-Made Garments Printing**

Dyes Types – different styles of printing – Methods of Printing Fixation – Adjuvants – Methods of Manual and Electronic Printing.

#### **14- 3202 Ready-Made Finishing and Dyeing technology**

Theoretical rules and methods of applying different technological operations including: initial preparations – dyeing – final finishing of synthetic and natural fibers – chemical structure of dyes and fixation properties – chemical structure final finishing materials used to add specific properties to the final product.

#### **14- 1203 Fibers Nature**

Dividing fibers and how to recognize them – relation between properties of fibers, their structures and studying morphological structure of synthetic and natural fibers – studying mechanical and natural properties of synthetic and natural textile fibers.

#### **14- 2204 Fibers chemistry**

Chemical structure of synthetic and natural fibers and their relation to properties of chemical and natural fibers including: cellulose – wool keratin – natural silk – polyamide – polyester – poly-acrylic.

#### **14- 4305 Laws and Regulations of Clothes Export**

Related laws and systems for exporting ready-made garments – participation and cooperation laws – Contracts Laws – Work Crimes.

#### **14- 1206 Threads Production Methods**



Basics and methods of pulling and twining operations for threads production – influence of problems or defects in pulling – thread spinning – whitening fibers, cleaning and mixture – producing long and short threads – permanent threads production – quality control of threads production.

#### **14- 1207 Accounts Management**

Basics of preparing financial reports – analyzing statistic costs and data – using computer – administrative use of costs data in processes: planning, evaluation, examination, determining work decisions, budget, costs direction – production cost and identifying its price, Introduction to Production Costs.

#### **14- 1208 Economy Introduction**

Studying the need for product – Production Potentials – Production Cost – Analyzing Supply and Demand of Product –Free Markets – Price System and Government Policy – accurate economic analysis of work decisions in free competition markets – price system and government policy – accurate economic analysis of work decisions in competition and non-competition markets – economic analysis of production – distribution – using prices level – inflation – economic growth – financial Policy – economy stability.

#### **14- 2209 Work Economy and Statistics**

Introduction to Economy Statistics and Work Problems – Collecting Data – Methods of Showing and Analyzing Data – Measures of Central Tendency – Measures of Dispersion – Range – Interquartile Range – Standard deviation – Coefficient of Variation – Sample Size – Symmetry and Looms – Regression and Correlation.

#### **14- 2211 Textile System**

Textile Fabrics Production Technology – Preparing Threads for Weaving Process – Mechanism of Shuttle and Non-Shuttle Looms – Modern Evolutions and Styles in Weaving – Managing Operations of Weaving.

#### **14- 2211 Weaving Structures**

Basic Concepts of Weaving Operations – Knitting – Styles – Non-Traditional for Fabrics Production – Basics of Transferring Fibers into Threads and fabrics – relation of weaving structure of fabrics with properties of final product of garments.

