

INFORMATION DOCUMENT

REORGANIZED PROGRAM SUBDIVIDED INTO COURSES

**IMPLEMENTATION: SEPTEMBER 1988
SEWING AND CLOTHING SECTOR
925-000**

SECONDARY SCHOOL

Québec 

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**DIRECTION
des COMMUNICATIONS**

020801
8388002

PROGRAM: PATTERN MAKING

S.S.V.D. 90 credits

LIST OF COURSES

PROGRAM CODE: 1793

First Semester: 30 credits

Hours Credits

930-015	Standard Sewing Machines	75	5
930-021	Special-Purpose Machines	15	1
930-034	Introduction to Garment Manufacture	60	4
930-048	Factory Production I	120	8
930-051	Pattern Reading I	15	1
930-063	Workshop Design I	45	3
930-073	Introduction to Pattern Design	45	3
930-081	Sleeve Patterns	15	1
930-093	Introduction to Form-Fitting	45	3
930-101	Clothing, Fabrics, Labels	15	1

Second Semester: 30 credits

Hours Credits

930-116	Garment Manufacture I	90	6
930-012	Workshop Design II	30	2
930-021	Pattern Reading II	15	1
930-163	Skirt Patterns	45	3
930-172	Bodice Patterns	30	2
930-243	Collar Patterns	45	3
930-032	Basic Patterns	30	2
930-041	Blouse Patterns	15	1
930-051	Tailored Suit and Coat Patterns	15	1
930-273	Alterations	45	3
930-182	Form-Fitting: Skirts	30	2
930-191	Form-Fitting: Bodices	15	1
930-261	Form-Fitting: Sleeves	15	1
930-202	Textiles	30	2

Third Semester: 30 credits

Hours Credits

930-063	Sample Production		
930-232	Clothes Design	30	2
930-251	Introduction to Pattern Grading		
930-073	Pattern Grading	45	3
930-083	Made-to-Measure Patterns	45	3
930-096	Patterns from Illustrations	90	6
930-102	Form-Fitting: Collars	30	2
930-116	Form-Fitting: Clothes	90	6
930-292	Clothing Industry and Job Market	30	2

SECTOR: SEWING AND CLOTHING

PROGRAM: PATTERN MAKING

PROGRAM LEADING TO THE SECONDARY SCHOOL VOCATIONAL DIPLOMA (SSVD)

DURATION OF PROGRAM: 1,350 hours

TOTAL NUMBER OF CREDITS: 90 credits

THE STANDARD SEWING MACHINE

75 Hours

Course Objectives	Content (16-4142A and 16-4152)
To use the vocabulary specific to standard sewing machines.	Standard Sewing Machine (930-260)
To set up, operate and maintain a standard sewing machine.	Working in the Clothing Industry (930-201) Fundamentals of Pressing (930-394)
To observe the proper work position and the safety regulations.	
To adequately use the tools required for working on the machine.	
To do under-pressing.	

SPECIAL-PURPOSE MACHINES

15 Hours

Course Objectives	Content (16-4142A and 16-4152)
To operate and maintain special-purpose machines:	Overcasting Machine (930-265)
- Overcasting machine	Blindstitch Machine (930-266)
- Buttonhole machine	Buttonhole Machine (930-267)
- Button machine	Button or Snap Machines (930-274)
- Snap machine	
- Blindstitch machine	
To use the vocabulary specific to each special-purpose machine.	
To observe the proper work position and the safety regulations pertaining to each machine.	

INTRODUCTION TO GARMENT MANUFACTURE		60 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To follow a logical order of operation (to interpret an assembly process sheet).	Basic Sewing (930-262) Special-purpose Presser Feet and Throat Plates (930-264)	
To arrange the work stations.	Hand Sewing (930-278)	
To do the various basting, fitting and finishing stitches on different fabrics.	Fundamentals of Pressing (930-394)	
To use special-purpose presser feet and throat plates.	Working in the Clothing Industry (930-201)	
To do the main finishing stitches by hand.		
To describe under-pressing tools.		
To do the appropriate under-pressing.		

FACTORY PRODUCTION I		120 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To explain the different cutting methods according to the fabric used and the quantities to be produced.	Basic Principles of Cutting Fabric (930-393) Work Flow Control and Ticketing (930-384)	
To prepare the fabric and the cutting layout.	Introduction to Manufacturing (930-282) Assembly-line or Large-scale Garment Production (930-295)	
To use the various cutting tools in accordance with the safety regulations.	Overcasting Machine (930-265) Blindstitch Machine (930-266)	
To schedule and ticket the cut pieces.	Buttonhole Machine (930-267)	
To follow a logical order of operation (to interpret the assembly process sheet).	Button or Snap Machines (930-274) Standard Sewing Machine (930-260)	

To arrange the work stations.

Fundamentals of Pressing
(930-394)

To manufacture articles and
simple clothing using various
fabrics.

Final Pressing
(930-395)

To set up and operate special-
purpose machines.

To maintain standard sewing
machines and special-purpose
machines.

To observe the proper work
position and the safety
regulations.

To do under-pressing and pressing
using the appropriate tools and
observing the safety regulations.

PATTERN READING I

15 Hours

Course Objectives

Content (16-4142A and 16-4152)

To determine the placement of the
lines: waist, bust, hip, shoulder,
elbow, cuff, knee, ankle.

Design Analysis
(930-212)

To explain the basic lines:
gravity, axis, median.

To use the vocabulary specific to
the clothing industry.

To identify and define the
stitching details on clothing in
photographs or fashion
illustrations.

To determine the placement of the
details in relation to body
proportions.

To describe various designs.

WORKSHOP DESIGN I		45 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To identify the structural elements of a design.	Forms and Colours (930-208)	
To explain different types of design.	Aesthetics of Clothing (930-210)	
To do plane sketches of the details on clothing.	Fashion Design (930-245)	
To describe the classic proportions of the sketches.		
To do plane sketches of front and back views of simple clothing on figures.		
INTRODUCTION TO PATTERN DESIGN		45 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To differentiate and use pattern design equipment adequately.	Tools, Rulers and Set Squares (930-302)	
To identify and sketch the basic pattern lines accurately.	Identification of Pattern Pieces (930-385)	
To observe the proper work position and the safety regulations.	Introduction to Pattern Making (926-010)	
To arrange the work station.		
To explain the use and meanings of the symbols in pattern design.		
To identify the pattern pieces.		
To classify the pattern pieces in relation to each other.		
To transform and develop simple patterns from designs.		

SLEEVE PATTERNS		15 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To construct sleeve patterns accurately and clearly: short, three-quarter, leg of mutton, bishop, puff, shirtwaist.	Sleeve Patterns (930-322)	
To check the precision of the lines and the reference points.		
To copy and cut the pattern pieces accurately.		

INTRODUCTION TO FORM-FITTING		45 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To arrange the work station.	Taking Measurements (930-390)	
To locate and identify the key reference points for taking measurements on a dress form.	Basic Principles of Fitting on a Dress Form (930-359)	
To apply the techniques for taking measurements on a live model.	Basic Fitting (930-360)	
To describe the plumb of a garment and the fabric grain.		
To put tapes on a dress form.		
To calculate the yardage for basic form-fitting.		
To fit basic styles on a dress form.		
To explain and apply the techniques for adjusting and matching pattern pieces.		
To explain and apply the techniques for stitching, pressing and checking a fit on a dress form.		

CLOTHING, FABRICS, LABELS	15 Hours
Course Objectives	Content (16-4142A and 16-4152)
To explain the Canadian labelling laws.	Labels, Clothing and Fabrics (930-402)
To interpret the labels on fabrics and clothing.	Basic Textiles (930-396)
To explain the Canadian regulations concerning manufacture, importation and exportation of clothing.	
To distinguish woven, non-woven and knit fabrics.	

GARMENT MANUFACTURE I	90 Hours
Course Objectives	Content (16-4142A and 16-4152)
To determine the cost price of a garment using a job cost sheet.	Evaluating Production Costs (930-213)
To establish a logical order of operation (assembly process sheet).	Chainstitch Machine (930-268)
	Zigzag Stitch Machine (930-269)
To set up, operate and maintain special-purpose machines : chainstitch machine, zigzag stitch machine.	Manufacturing a Garment (930-290)
	Manufacturing Various Garments (930-292)
	Fundamentals of Pressing (930-394)
To manufacture and finish simple garments with various details for men, women and children using the appropriate tools and machines in accordance with given criteria, the characteristics of the garment and production standards.	Final Pressing (930-395)

WORKSHOP DESIGN II		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To do plane sketches of a variety of garments including details that would entail difficulties in manufacturing.	Fashion Design (930-245)	
To indicate accurately and clearly the lines and the proportions that constitute the garment.		
To specify details that are not seen on the sketch: lining, facing, snaps, etc.		

PATTERN READING II		15 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To determine the characteristics of the details on a garment in relation to the proportions and the general characteristics of the garment itself.	Design Analysis (930-212)	
To analyze the details of various styles in order to construct patterns.		

SKIRT PATTERNS		45 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To construct skirt patterns accurately and clearly: yoked, gored, gathered, flared, pleated, circular, semi-circular.		Skirt Patterns (930-313)
To check the precision of the lines and reference points.		
To copy and cut the pattern pieces accurately.		
BODICE PATTERNS		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To construct bodice patterns accurately and clearly: gathered into a yoke, draped, strapless, with epaulettes.		Bodice Patterns (930-320)
To check the precision of the lines and the reference points.		
To copy and cut the pattern pieces accurately.		
COLLAR PATTERNS		45 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To construct collar patterns accurately and clearly: ruffled, straight, flat, rolled, shirt, shawl, tailored.		Collar Patterns (930-306)
To check the precision of the lines and the reference points.		
To copy and cut the pattern pieces accurately.		

BASIC PATTERNS		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To locate the key reference points in order to construct basic patterns for skirts, bodices, sleeves and pants for women and men.	Basic Patterns for Skirts, Bodices and Sleeves (930-304) Pants Patterns (930-303)	
To design basic patterns for skirts, bodices, sleeves and pants for women and men, following a logical order of operation.		
To check the precision of the lines and reference points in order to use the patterns		
To cut the patterns accurately.		

BLOUSE PATTERNS		15 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To locate the key reference points in order to construct a blouse pattern.	Blouse Patterns (930-305)	
To construct a blouse and sleeve pattern using standard body measurements and following a logical order of operation.		
To design patterns for the pocket, cuffs, collar, collar band, facings, etc.		
To check the precision of the lines and the reference points in order to use the patterns.		

TAILORED SUIT AND COAT PATTERNS**15 Hours**

Course Objective**Content (16-4142A and 16-4152)**

To construct patterns for the back, front and sleeves of a suit and a coat using standard body measurements and following a logical order of operation.

Suit Patterns
(930-308)
Coat Patterns
(930-310)

To design patterns for the facings, lining and other details necessary for finishing the garment.

To check the precision of the lines and the reference points in order to use the patterns.

ALTERATIONS**45 Hours**

Course Objectives**Content (16-4142A and 16-4152)**

To distinguish different postures and figure types.

Irregular Figure Types
(930-391)

To identify the most common irregular figure types and explain how they affect clothing.

Fitting and Altering
(930-392)

To adequately adjust a garment on a live model.

To do alterations to the garment.

To transfer the alterations on the pattern using the appropriate techniques.

FORM-FITTING: SKIRTS		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To calculate the yardage.	Fitting Skirts (930-367)	
To prepare the fabric.		
To cut simple skirt styles.		
To adjust the fabric.		
To assemble the fabric and check the fit on a dress form.		
FORM-FITTING: BODICES		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To calculate the yardage.	Fitting Bodices (930-365)	
To prepare the fabric.		
To cut simple bodice styles.		
To adjust the fabric.		
To assemble the fabric and check the fit on a dress form.		
FORM-FITTING: SLEEVES		15 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To calculate the yardage.	Fitting Sleeves (930-369)	
To prepare the fabric.		
To cut sleeve styles: shirtwaist, straight, raglan.		
To adjust the fabric.		
To assemble the fabric and check the fit on a dress form.		

TEXTILES

30 Hours

Course Objectives	Content (16-4142A and 16-4152)
To explain the manufacturing processes of woven, non-woven and knit fabrics.	Fabrics (930-399) Yarns and Threads (930-398)
To identify the ground weaves and their derivatives.	Basic Textiles (930-396) Advanced Textiles (930-397)
To identify the different knit fabrics.	
To identify fancy weaves and non-woven fabrics.	
To explain the methods of spinning and sizing threads.	
To identify, by simple means, natural fibres, cellulosic and non-cellulosic man-made fibres.	
To describe the main properties of fibres, fabrics and knits.	
To explain the main methods of texturing, dyeing and finishing fibres and fabrics.	
To establish the relationship between the properties of the fabrics and the fibres, the manufacturing process of the fabrics, the types of weaves and knits, their particular finish.	

SAMPLE PRODUCTION		75 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To establish a logical order of operation (assembly process sheet) for making patterns in class.	Manufacturing Various Garments (930-292) Evaluating Production Costs (930-213)	
To manufacture garments, verifying and adjusting the steps on the assembly process sheet in accordance with pre-established criteria, characteristics of the garment and production standards.		
To determine the production cost of the garments manufactured.		

CLOTHES DESIGN		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To sketch the main lines of a garment on a figure: front, back and side views.	Creating Styles (930-235)	
To sketch the details of a garment on a figure: front, back and side views.		
To apply the principles of decoration to the garments.		
To design parts of garments and entire garments applying these principles.		

INTRODUCTION TO PATTERN GRADING**15 Hours**

Course Objectives**Content (16-4142A and 16-4152)**

To interpret the chart of standard body measurements.

Equipment and Standard Body Measurements
(930-336)

To apply various techniques for increasing and decreasing the size of a pattern, using the appropriate tools.

Grading Skirts
(930-337)

To grade simple skirt, bodice and sleeve patterns.

PATTERN GRADING**75 Hours**

Course Objectives**Content (16-4142A and 16-4152)**

To grade various skirt, bodice, sleeve, pants and collar patterns using the chart of standard body measurements.

Grading
(930-340)

MADE-TO-MEASURE PATTERNS**45 Hours**

Course Objectives**Content (16-4142A and 16-4152)**

To construct and modify patterns according to the individual measurements, figure type and posture of a live model.

Adapting a Basic Pattern to Individual Measurements
(930-386)

PATTERNS FROM ILLUSTRATIONS		90 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To analyze the general lines and proportions of a garment.	Interpreting Illustrations (930-347)	
To construct patterns for various styles which comprise some intricate detail using standard patterns and/or adapting them to individual measurements.		
To determine a logical order of operation (assembly process sheet).		
To evaluate the production cost.		

FORM-FITTING: COLLARS		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To calculate the yardage.	Fitting Collars (930-370)	
To prepare the fabric.		
To cut different styles of collars.		
To adjust the fabric.		
To make patterns for the top collar, undercollar and interfacings.		
To assemble the fabric and check the fit on a dress form.		

FORM-FITTING: CLOTHES		90 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To calculate the yardage.	Fitting Basic Styles (930-375)	
To prepare the fabric.		
To cut different styles of garments: gored, pleated, circular skirts; kimono, raglan sleeves; yoked, draped, strapless bodices.		
To adjust the fabric.		
To assemble the fabric and check the fit on a dress form.		
CLOTHING INDUSTRY AND JOB MARKET		30 Hours
Course Objectives	Content (16-4142A and 16-4152)	
To describe the areas of activity in the clothing industry, their method of operation and their interrelationship.	Working in the Clothing Industry (930-201) The Employee in the Clothing Industry (930-203)	
To describe the job functions in the different areas of activity.		
To identify the types of businesses that relate to the clothing industry.		
To explain the main rules and regulations governing the industry and working conditions in general.		
To plan a practicum in the clothing industry.		
To apply for a job using the appropriate techniques.		

FORM-FITTING: GARMENTS	90 Hours
Course Objectives	Content (16-4142A and 16-4152)
To calculate the yardage.	Fitting Basic Styles (930-375)
To prepare the fabric.	
To cut different styles of garments: gored, pleated, circular skirts; kimono, raglan sleeves; yoked, draped, strapless bodices.	
To adjust the fabric.	
To assemble the fabric and check the fit on a dress form.	
THE CLOTHING INDUSTRY	30 Hours
Course Objectives	Content (16-4142A and 16-4152)
To describe the areas of activity in the clothing industry, their method of operation and their interrelationship.	Working in the Clothing Industry (930-201) The Employee in the Clothing Industry (930-203)
To describe the job functions in the different areas of activity.	
To identify the types of businesses that relate to the clothing industry.	
To explain the main rules and regulations governing the industry and working conditions in general.	
To plan a practicum in the clothing industry.	
To apply for a job using the appropriate techniques.	

