Clothing Technician Profile and Qualification





Clothing technician qualification's profile design



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1 Clothing Technician Profile and Qualification

Table 1: Occupational Profile

Clothing Technician Profile			
EQF	4	NQF	4

	Planification, organization and monitorisation of the		
	production floor, from the operational personnel point of view,		
Output Profile	by using the best techniques and adequate procedures, in		
	what regards to quality and productivity, respecting		
	environmental, health and safety rules.		
	1. Participate in the planification and organization of the		
	production process.		
	1.1. Implement work methods.		
	1.2. Participate in the planification of cutting, sewing and		
	finishing rooms' activities.		
	1.3. Participate in the production planification with the best		
	methods, resources, machines and equipment.		
	2. Participate in the monitorisation of the production process.		
	2.1. Guide, distribute and manage cutting, sewing and work		
Activities	finishing.		
	2.2. Check that quality requirements, all over the production		
	floor, are met.		
	3. Promote and assure health and safety rules along with		
	work methods and ergonomics, for all workers.		
	4. Know how to read and understand technical specifications,		
	along with all related documents.		
	5. Participate in the definition of technical style specifications,		
	needed for manufacturing.		
	6. Lead and manage work teams.		





	• Demonstrate creativity, initiative, openness to change		
	and team spirit.		
	Demonstrate communication skills.		
Competences:	 Demonstrate work management skills. 		
General Knowledge	 Demonstrate knowledge of Foreign language (EN 		
Scheral Knowledge	applied to technical skills).		
And	• Demonstrate adaptability to different contexts and		
Know - how	new technologies, digital skills.		
	Demonstrate lifelong learning availability.		
	Demonstrate leadership and conflict management		
	skills		
	Demonstrate numeracy/mathematical skills.		
	Demonstrate productive process management.		
	Interpret technical and general drawings.		
	 Understand the products, processes and materials. 		
	• Understand basic patterns and how to transform them.		
	 Know how to use pattern-making ICT equipment 		
	(beginners level).		
	Provide necessary information for the documentation		
	(technical dossier) for the execution of the final		
	product.		
	Know the production process.		
	 Monitor the production process. 		
	Knowledge in fashion trends.		
Professional Competences	 Develop technical patterns (beginners level). 		
	 Knowledge of control of time norms during the 		
	operative process.		
	Interpret and elaborate technical sheets and procedure		
	manuals.		
	 Know how to do the finishing of garments and 		
	accessories.		
	 Apply the norms of safety, hygiene, health, 		
	ergonomics and environmental protection in the		
	exercise of professional activity.		
	Ensure quality and technical standards.		
	 Know how to ensure machine operations 		





	Know how to operate different production machines.			
	 Solving technical problems in the on-going production 			
	process.			
	Monitor the processes of conservation and cleaning of			
	equipment and tools.			
	 Implement circular 	economy procedures that		
	contribute to a respo	onsible use of resources/materials		
	and optimisation of	processes taking into account a		
	policy of sustainability and socially and			
	environmentally resp	oonsible management [measures		
	for waste prever	ntion, reuse, more efficient		
	management of mate	erials, recycling and reabsorption].		
	 Implement computies 	uterisation and automation		
	procedures that c	ontribute to the increase of		
	productivity, the reduction of waste, the control of			
	processes and the in	tegration between horizontal and		
	vertical organizat	ion processes (production,		
	maintenance, logistic	s, etc.).		
	Theoretical	Methodologies that integrate:		
		1. Active participation (case		
		studies, solution		
		proposals, real situations		
		from the production		
		process simulations).		
		2. Practical demonstrations:		
		practical activities in		
Training Methods		companies, visits to		
		technology centres,		
		networking activities,		
		other.		
		3. Interactive learning:		
		online resources, videos,		
		protessional activities		
	Practical	internships in companies to		





		VET centers' supervision.	
	Theoretical	Through:	
		1. Exams	
		2. Practical laboratory	
		activities	
Assessment Methodology		3. Practical field activities	
	Practical	Through practical evaluation in	
		companies and in VET centers.	
		Example: work group; project,	
		case study.	



2 Training Framework

2.1 Europe - Training Framework

The EU qualification framework, proposed here, consists of a common core for the 3 countries (PT, SP, RO).

Table 2: European (PT, ES, RO) Training framework

	Technological Training						
	Competence's unit (CU)	Training/module	Duration (hours)	ECVET points			
	CU1 Planning the production	Raw materials	40	1			
		Determination of provisioning	40	1			
		Storage management	40	1			
		Technical information for industrial clothing	40	1			
		Production schedule	50	3			
	CU2 Organizing the production	Layout methods	50	3			
		Production control	40	2			
	CU3 Monitoring the production	Quality control in processes	30	1			
lework	process	Occupational risk protection and environmental protection	30	1			
fram	CU4 Executing technical sheets	Technical data sheets development	40	2			
ing i	CI15 Performing procedure	Technical manuals and procedures	30	1			
rain	manuals	Working methods	40	3			
		Work measurement	40	3			
	CU6 Using nattern making tools	Manual pattern making - initiation	50	2			
	(manual and digital)	Cutting fundamentals	25	1			
		CAD - pattern making initiation	50	2			
		Fabrics cutting technology	25	1			
	CU7 Operating manufacturing machines	Technical and clothing products assembling technique	40	1			
		Industrial Sewing Initiation	40	2			
	CU8 Undertaking the finishing of garments and accessories	Products finishing process	30	1			





	CU9 Using quality and technical	Fabrications necessary technical documentation	30	1
	standards	Semi-finished components and finished products	30	1
		quality control		
		Interpersonal communication and assertiveness	40	1
	Transversal training	Team leadership and motivation	40	1
	-	English language - textile industry	40	1
		Time management and work organisation	40	2
TOTAL (Technological training)			990	40
	Apprenticeship in labour context		500	20
TOTAL (Technological training + Apprenticeship in labour context)		1490	60	



2.2 Portugal – Training Framework

Table 3: Portugal Training framework

Technological Training					
Competence's unit (CU)	Training/module	Duration (hours) PT	Credit ¹ points		
CU1 Planning the production	Raw materials	50	4,50		
	Determination of provisioning	50	4,50		
	Storage management	50	4,50		
	Technical information for industrial clothing	50	4,50		
	Production schedule	50	4,50		
CU2 Organizing the production	Layout methods	50	4,50		
	Production control	50	4,50		
CU3 Monitoring the production	Quality control in processes	50	4,50		
process	Occupational risk protection and environmental protection	50	4,50		
CU4 Executing technical sheets	Technical data sheets development	50	4,50		
CU5 Performing procedure manuals	Technical manuals and procedures	50	4,50		
	Working methods	50	4,50		
	Work measurement	50	4,50		
CU6 Using pattern making tools (manual and digital)	Manual pattern making - initiation	50	4,50		
	Cutting fundamentals	25	2,25		
	CAD - pattern making initiation	50	4,50		
	Fabrics cutting technology	25	2,25		
CU7 Operating manufacturing machines	Technical and clothing products assembling technique	50	4,50		
	Industrial Sewing Initiation	50	4,50		
CU8 Undertaking the finishing of garments and accessories	Products finishing process	50	4,50		
CU9 Using quality and technical	Fabrications necessary technical documentation	25	2,25		
standards	Semi-finished components and finished products quality control	25	2,25		
Transversal training	Interpersonal communication and assertiveness	50	4,50		

¹ <u>http://www.angep.gov.pt/default.aspx</u>



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2.3 Romania – Training Framework

Table 4: Romania Training framework

Competence's unit (CU)	Training/module	Duration (hours) RO	Credit ² points
	Raw materials	20	0,6
CU1 Planning the production	Determination of provisioning	20	0,6
	Storage management	20	0,6
	Technical information for industrial clothing	20	0,6
	Production schedule	20	0,6
CU2 Organizing the production	Layout methods	20	0,6
	Production control	20	0,6
CU3 Monitoring the production	Quality control in processes	20	0,6
process	Occupational risk protection and environmental protection	20	0,6
CU4 Executing technical sheets	Technical data sheets development	20	0,6
	Technical manuals and procedures	20	0,6
CU5 Performing procedure	Working methods	20	0,6
manuals	Work measurement	20	0,6
CII6 Using pattern making tools	Manual pattern making - initiation	20	0,6
(manual and digital)	Cutting fundamentals	10	0,3
	CAD - pattern making initiation	20	0,6
	Fabrics cutting technology	10	0,3
CU7 Operating manufacturing machines	Technical and clothing products assembling technique	20	0,6
	Industrial Sewing Initiation	20	0,6
CU8 Undertaking the finishing of garments and accessories	Products finishing process	20	0,6
		10	0.2

² <u>http://site.anc.edu.ro/</u> <u>https://www.tvet.ro/</u>



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TOTAL (Technological training + Apprenticeship in labour context)		1400	60	
Apprenticeship in labour context			930	46
TOTAL (Technological training)			470	14
		Time management and work organisation	20	0,6
		English language - textile industry	10	0,2
	Transversal training	Team leadership and motivation	20	0,6
		Interpersonal communication and assertiveness	20	0,6
		quality control		
	standards	Semi-finished components and finished products	10	0,3



2.4 Spain – Training Framework

Table 5: Spain Training framework

Competence's unit (CU)	Training/module	Duration (hours) ES	Credit ³ points
	Raw materials	50	3
CU1 Planning the production	Determination of provisioning	50	3
5 1	Storage management	50	3
	Technical information for industrial clothing	50	3
	Production schedule	50	3
CU2 Organizing the production	Layout methods	50	3
	Production control	50	3
CU3 Monitoring the production	Quality control in processes	40	2,4
process	Occupational risk protection and environmental protection	30	1,8
CU4 Executing technical sheets	Technical data sheets development	50	3
CUS Porforming procedure	Technical manuals and procedures	25	1,5
manuals	Working methods	25	1,5
	Work measurement	40	2,4
CU6 Using pattern making tools	Manual pattern making - initiation	70	4,2
(manual and digital)	Cutting fundamentals	30	1,8
	CAD - pattern making initiation	80	4,8
	Fabrics cutting technology	40	2,4
CU7 Operating manufacturing machines	Technical and clothing products assembling technique	80	4,8
	Industrial Sewing Initiation	80	4,8
CU8 Undertaking the finishing of garments and accessories	Products finishing process	50	3
CU9 Using quality and technical	Fabrications necessary technical documentation	50	3
standards	Semi-finished components and finished products	50	3
Transversal training	Interpersonal communication and assertiveness	40	2,4

³ <u>http://incual.mecd.es/</u>



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3 Technological Training framework

3.1 Technological Training framework CU1 - Planning the production

Tables 6: CU1

CU1 - Planning the production							
Training/module	Raw materials Duration	40	ECVET points	1			
	 Know the classification, characteristics physical and chemical properties. 	and t	textile m	aterials'			
	 Identify the regulations and symbology. 						
	 Identify the parameters that character according to the regulations used in the set 	erize ector.	textile n	naterials			
Obiestices	Know the scheme of the processes for obt	taining	textile m	aterials.			
Objectives	 Know the procedures for identification and assessment of textile materials through physical and chemical tests. 						
	 Know the structures and fundamental characteristics of textile materials (fibres, threads, yarns, fabrics, nonwoven fabrics, coatings). 						
	 Identification of defects in textile main indicating the limitations that they imply f 	aterials for its u	s and p ise.	roducts,			
	Raw materials technology - framework.						
	Textile fibres classification and properties.	 Textile fibres classification and properties. 					
Contents	• Fibre mixtures.						
	Textile yarn.	Textile yarn.					
	• Labelling.						





CU1 - Planning the production							
Training/module	Determination of pro	ovisioning	Duration	40	ECVET points	1	
Objectives	Know the company provisioning plan.						
	Provisioning plan.						
	Supplier Management.						
	Reception Control Standards and analysis.						
	Supply and logistics routes.						
Contonto	Inventory control systems.						
Contents	 Operative methassociated with 	nods for the the study of	study of m marking.	arking.	Economic	factors	
	Calculation of use and consumption.						
	 Process Preparation/Co 	diagrams: mponent Ass	Materia embly/Articl	al e finalisa	cutting/As ation.	ssembly	
	Process specification procedures.						

CU1 - Planning the production						
Training/module	Storage Management Duration 40 ECVET 1 points					
Objectives	Apply the rules for efficient storage.					
Contents	 Conservation and shelf life of materials and products: Behaviour of materials throughout their transformation. Agents that shorten or disturb the useful life. Reliability of materials. Optimum conditions of permanence and conservation. Degree of compatibility of textile materials. Manipulation criteria: symbology: Identification rules. Symbology and nomenclature. Regulations on the labelling of materials and textile products. 					



Storage and transport criteria:
 Internal distribution systems.
 Storage systems.
Inventory management and control.
Packaging and labelling.
 Logistics and storage management computer systems - integration with other organization processes.
 Storage specifications and conditions: Variables involved (temperature, light, humidity, ventilation).
Equipment and facilities for conservation.

CU1 - Planning the production						
Training/module	Technical information for industrial clothing	Duration	40	ECVET points	1	
Objectives	Characterize production management, models and processes.Understand the collection design process.					
Contents	 Management production. Textile product characteriz Manual of use and instruct Operations in industrial ma The conventional process of Process phases: types of manufacturing process. Se Process requirements: imp productivity. 	ation. ons of the m nufacturing p f industrial c operations quence of op lementation,	achines. processes lothing. and me erations. mainten	s. ans used ance, con	in the trol and	



3.2 Technological Training framework – CU2 - Organizing the production

Tables 7: CU2

CU2 - Organizing the production						
Training/module	Production schedule Duration 50 ECVET 3 points					
Objectives	• Identify the qualified HR for the performance of the task and select the appropriate equipment and processes for the model to be produced.					
	Define the methods and times appropriate to the task.Use an information system suitable for production scheduling.					
	Productivity. Production techniques.					
	 Production planning: work scheduling according to different systems: ordering, stocking or piece to piece. 					
	 Methods for determining production capacities. 					
	Critical path:					
	 Manufacturing calculations, personnel, production and number of machines. 					
Contents	 Calculation of the rhythm and design of production lines: balanced and implementation. 					
contents	 Production management software and relationship with other information systems (integration of horizontal and vertical organization processes) 					
	 Systems for assembling cut fabrics and skins (garments, components and auxiliary materials). 					
	• Specific equipment and materials used in the process.					
	Methods and times. Operation lists.					
	 Circular economy measures: process efficiency, resource management, waste prevention, reuse, recycling and resorption. 					



CU2 - Organizing the production							
Training/module	Layout methods	Duration	50	ECVET points	3		
Objectives	 Elaborate textile factory layout study, applying techniques and tools of design and control. Elaborate and implement a manufacturing layout project for the textile industry. 						
Contents	 Industrial layout - Producti Layout planning. Layout elaboration and imp Person movements. Materials movement. Control procedures. Factory layout project elab 	on Master Pla plementation oration.	an.				

CU2 - Organizing the production						
Training/module	Production control	Duration	40	ECVET points	2	
Objectives	 Ensure that the quality def desired quantity is achieved 	ined in the I within the	technical specified	manual time.	and the	
Contents	 Material flows: transport an Product flows: storage and Information flows: Logistic Compliance rules. Management software. Provisions prior to timing. Activity concept. Default time systems. Default processing systems. Control of direct manufact 	d storage. distribution. documentati documentati gues. Self ques. Self uring costs.	on. Integ es. Control Effective	Integrate e employ	ed data ment of	





staff.
Statistics.
Process supervision.
Reprogramming.
 Production monitoring methods: PERT, GANTT, ROY, minimum cost.



3.3 Technological Training framework – CU3 - Monitoring the production process

Tables 8: CU3

CU3 - Monitoring the production process						
Training/module	Quality control in processes	Duration	30	ECVET points	1	
Objectives	 Understand the quality concept: quality standards and quality of the process. Know the factors involved in the quality of a garment or textile. Recognize the quality management system records. Be able to plan for continuous improvement. Identify the documentation related to assembly: Technical data sheets and procedures manual. 					
Contents	 Quality assurance standard Quality manual. Process manual. Quality in the design and in Quality in purchases. Quality in production proce Ensure the availability of invarious computer devices) 	ls. ISO9001: n the product ess. nformation to	2000.	nployee (through	

CU3 - Monitoring the production process						
Training/module	Occupational risk protection and environmental	Duration	30	ECVET points	1	
Objectives	 Identify the risk prevention Identify the safety regulation complementary equipment. Identify the individual and on use of chemical products in 	standards. ons in the us environment special finish	se of ma al safety ning trea	achines, to / standard atments.	ools and s in the	





	• Identify the safety regulations for the storage of garments and textile.					
	Select the personal protective equipment.					
	Know the safety conditions of the workplace.					
	Know the ergonomics in industrial clothing.					
	Clean and conserve the job area.					
	Classification of standards by activity sector and type of risk.					
	• The prevention of risks in the internal norms of the companies.					
	• The organization of prevention within the company.					
	• Personal protective equipment in relation to the dangers of those they protect.					
Contents	Emergency plans.					
	• Documentary system of emergency plans.					
	Certification and use standards.					
	 Promotion of the culture of risk prevention as a model of business policy. 					
	Sustainability policy and circular economy.					



3.4 Technological Training framework – CU4 - Executing technical sheets

Tables 9: CU4

CU4 - Executing technical sheets							
Training/module	Technical data sheets developmentDuration40ECVET points2						
Objectives	 Develop the technical sheet taking into account the industrial process. Analyse the illustration and/or the physical sample of the model. Define the elements of the technical sheet. Interpret the specific characteristics of the model. Fill in the technical sheet taking into account the characteristics of the model. Implement and monitor the technical sheet. 						
Contents	 Technical sheet: Technical sheet elements: Identification and description of the article. Images and/or samples of the article. Technical drawing. Scale of sizes. Technical specifications of the sketch. Technical specifications of materials. Technical specifications for sewing. Technical specifications of accessories. Packaging technical specifications. Quality specifications. Composition and conservation label. Working methods. Production times. Costs. 						



3.5 Technological Training framework – CU5 - Performing procedure manuals

Tables 10: CU5

CU5 - Performing procedure manuals								
Training/module	Technical manuals and proceduresDuration30ECVET points1							
Objectives	 Identify/select manuals and procedures of production processes. Consult and interpret manuals and procedures of production processes. Implement manuals and procedures of production processes. 							
Contents	 Productive Organizational M Scope. Operating instruction Procedures. Organization and implemen Companie's strategie Human resources. Physical and materia Communication flow Responsibility and period 	 Implement manuals and procedures of production processes. Productive Organizational Manual: Scope. Operating instructions. Procedures. Organization and implementation of a production process: Companie's strategic plan. Human resources. Physical and material resources. Communication flow. Responsibility and performance. 						

CU5 - Performing procedure manuals							
Training/module	Working methods	Duration	40	ECVET points	3		
Objectives	 Develop methods and work of environmental manag resources. Implement working method Evaluate working methods. 	studies, rea ement and ls;	specting technio	the requi cal and	rements human		



-

	Working methods in the company.
	Environmental analysis.
	Strategic plan analysis.
	Production plan analysis.
Contents	The operator/machine interaction.
	Organisational criteria.
	Ergonomics.
	Environmental criteria.
	 Industrial flow, layout and movements.
	Critical analysis of working methods.
	 Definition, implementation and evaluation of working methods.

CU5 - Performing procedure manuals								
Training/module	Work measurement Duration 40 ECVET 3 points							
Objectives	 Perform work measurements. Calculate and assign operative times, considering the work rhythms. 							
Contents	 Work measurement. Operating time assignment techniques. Techniques for assigning work rhythms. Collection and treatment of times. Standard operating times. 							



3.6 Technological Training framework – CU6 - using pattern making tools (manual and digital)

Tables 11: CU6

CU6 - using pattern making tools (manual and digital)						
Training/module	Manual Modelling - initiation Duration 50 ECVET 2 points					
Objectives	Apply basic pattern making techniques.					
	• Interpret the measurement table with its specifications.					
	Geometry Basics:					
	o Lines.					
	• Line agreement.					
	\circ Angles.					
	 Geometrical figures. 					
	Tools and materials:					
	 Nomenclature and function. 					
	 Techniques of use. 					
	Basic concepts of patterns:					
	• Base pattern.					
Contents	• Base pattern transformation.					
	• Final pattern.					
	 Sewing types and their values. 					
	\circ Sheath types and their values.					
	Measures:					
	• Anatomical measurements.					
	• Measurement table.					
	 Designation and location. 					
	• Main measures.					
	 Auxiliary measures. 					
	• Measurement calculation.					
	Basic patterning procedures:					



- Sequence of procedures rules.
- Construction of base patterns.
- Transformation of patterns.
- Base pattern gradation.

CU6 - using pattern making tools (manual and digital)								
Training/module	Cutting fundamentals	Duration	25	ECVET points	1			
Objectives	 Identify the technologies innerent to the cutting sector. Identify planning techniques related to productivity and existing resources. Apply and develop the inherent techniques and methods in the construction of cutting plans, spreading, cutting and the manufacture of garments preparation. 							
Contents	 Introduction to the cutting sector: Introduction to the cutting sector. Production Model chart. Objectives. Resources. Cutting sector's organization: the industrial process flowchart. the planning. the launch. Cutting plan: Goals. Methods of implementation – conditionality. Pattern Positioning. Methods used for the study of positioning. Reproduction methods. 							





CU6 - using pattern making tools (manual and digital)							
Training/module	Initiation to pattern making – CAD	Duration	50	ECVET points	2		
Objectives	 Identify and distinguish programs, files, menus and their applications. Apply file and menu management techniques and methods. Apply the techniques and methods of digitization of patterns. Analyse the technical file or technical sketches. Apply the techniques and methods of grading base patterns using the CAD system. 						
Contents	 Introduction to the CAD syste Identification of the Sy Hardware. Software. Turn on and off 	em: ystem Conf f.	figuratior	1:			





 Brief demonstration of system functions.
Patterns digitization:
 Digitization:
 Templates for digitization analysis and preparation.
\circ Types of digitization.
 Verification of digitization:
 Printing.
Base patterns gradation:
 Gradation analysis:
 Differences between sizes.
 Gradation values.
Patterns gradation execution:
 Coordinate axes orientation.
 Values.
 Viewing and checking.
 Patterns printing in scale.



3.7 Technological Training framework – CU7 - Operating manufacturing machines

Tables 12: CU7

CU7 - Operating manufacturing machines								
Training/module	Fabrics cutting technology	Duration	25	ECVET points	1			
Objectives	 Set up the cutting machines and adjust the parameters of us according to the technical specifications. Perform the technological operations on cutting machine, compliance with the execution technology. 							
	 Apply the norms of safety 	, hygiene an	d health.	tenance.				
Contents	 Parameters of use adjustm Spreading machine Sectioning machine Sectioning machine Band cutting machine Band cutting machine Fabrics spreading: Use of equipmerspreading. Sectioning the lay: Use of machine with Sectioning the lay: Use of machine with Trimming the details: Use of the machine Maintenance of cutting equits Apply the norms of safety, 	ents: e. ine. ent related ch circular or e with tape-k ipment. hygiene and	to ma vertical k nife. health in	anual-me knife.	chanical			
	 Fabrics spreading. Sectioning the lay. Trimming the lay. 							





CU7 - Operating manufacturing machines								
Training/module	Industrial Sewing Initiation Duration 40 ECVET 2 points							
Objectives	 In-depth knowledge of different types of stiches and assemblies. Industrial sewing initiation by in-depth knowledge on functioning principles and mechanical components of the industrial sewing machines. 							
Contents	 Classification of stiches. Classification of the assemblies. Presentation of the functioning principles for industrial sewing machines. Presentation of the mechanical components of the industrial sewing machines. 							



3.8 Technological Training framework – CU8 - Undertaking the finishing of garments and accessories

Tables 13: CU8

CU8 - Undertaking the finishing of garments and accessories						
Training/module	Products finishing process Duration 50 ECVET 1 points					
Objectives	• Finish the product in compliance with the indications of the technical specification, respectively the specific parameters of the material and the requirements of the model.					
	 Respect the finishing technology of garments and accessories. Identify the defects and notify the persons empowered to correct them. 					
	 Respect the instructions regarding the labelling and packaging of products. 					
	• Apply the norms of safety, hygiene and health.					
	Operations of finishing.					
	Equipment for finishing.					
	Parameters of ironing operation:					
	o Humidity.					
Contents	o Temperature.					
	o Pressure.					
	∘ Time.					
	• Finished products labelling and packaging.					
	 Norms of safety, hygiene and health applied to product finishing. 					



3.9 Technological Training framework – CU9 - Using quality and technical standards

Tables 14: CU9

CU9 - Using quality and technical standars					
Training/module	Fabrications necessary technical documentation	Duration	30	ECVET points	1
Objectives	 Analyse the production process. Apply technical standards. Identify the problems regarding technical norms. 				
Contents	 Standard product/prototypolyging Prototype design. Prototype assembly Patterns for products. Internal norms/technical set Consumption norms: Determination of co Determination of falling Technological procest 	pe: pecifications mbinations. pric consump ss of assemb	s. otion. oly.		

CU9 - Using quality and technical standars					
Training/module	Semi-finished components and finished products quality control	Duration	30	ECVET points	1
Objectives	 Apply the standards and quality parameters. Identify the problems regarding quality standards. Propose measures for continuous quality improvement. 				
Contents	 Basic fabrics control. Quality control of finished products: Interphase control. Final control. Types of defects. 				



3.10 Technological Training framework – Transversal Training

Tables 15: Transversal training

Transversal Training					
Training/module	Interpersonal communication and assertiveness	Duration	40	ECVET points	1
Objectives	 Identify and distinguish elements. 	the comm	nunicatio	n proces	s basic
	 Identify determining f communication process. 	actors for	effectiv	veness	in the
	Identify and develop asser	tive behavio	our styles		
Contents	Interpersonal communicat	ion.			
	Behaviour styles and asse	rtive behavio	our.		

Transversal Training							
Training/module	Team leadership and motivation	Duration	40	ECVET points	1		
Objectives	Identify motivation theorie	s.					
	Distinguish leadership styles.						
	Organize teamwork.						
	• Evaluate the team and the results of its work.						
Contents	Motivation.						
	Leadership and communication.						
	• Groups and leadership.						
	Work teams communicatio	n.					

Transversal Training					
Training/module	English language - textile industry	Duration	40	ECVET points	1
					22





Objectives	• Know and use the technical/commercial English terms language and the general vocabulary.
	Alphabet identification and its sounds.
Contents	• Technical and specific vocabulary for textile field.
	Text preparation.
	Reading and texts interpretation.
	• Preparation, reading and interpretation of technical documents.
	Dialogues in English language.

Transversal Training				
Training/module	Time management and work organisationDuration40ECVET points2			
Objectives	 Apply time management techniques within the professional activity. Apply the principles of teamwork organising and draw up a personal action plan. 			
Contents	 Time management: Self-assessment in time management. Planning in time management. Time management techniques. Work organisation: Team work. Personal action plan. 			



Relationships matrix between Competence Units 3.11

This matrix allows to establish connections within each Competence Unit, among the training modules that it encompasses, and also connections between modules of different Competence Units. In this manner, we may operationalize the link between contents and objectives of the Competence Unit (blocks of training modules) according to the Clothing Technician profile. We may also operationalize the schedule stemming from the connections definition, e.g., precedences and simultaneity between modules.



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4 Clothing Technician Profile and Qualification Resources

List of general resources and tools needed to implement the course

Table 16: Clothing Technician Profile Resources

	Clothing Technician Profile Resources		
	 Production management and monitoring tools. 		
	Production management manuals.		
Resources (equipment, tools, software)	 Production machines (cutting machine, sewing machines, finishing equipment/ humidothermal treatment) and specific devices. 		
	Colour camera or UV light camera.		
	Digitization table.		
	• Plotter.		
	Software Programs (Patterns).		
	Technical books of production equipment.		
	• Legislation and instructions for safety, hygiene and health.		
	Computer.		









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