

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN

APPROVED BY THE ACADEMIC COUNCIL

Chairman of the Academic Council of KNUTD

_____ **Ivan GRISHCHENKO**

(Minutes from " __ " ____ 20__ № __)

EDUCATIONAL PROFESSIONAL PROGRAM

_____ **Environmental design** _____

Level of higher education _____ **first (bachelor's)** _____

Degree _____ **Bachelor** _____

Field of knowledge _____ **02 Culture and Art** _____

Specialty _____ **022 Design** _____

Qualification _____ **Bachelor of Design** _____

Kyiv 2021

LETTER OF APPROVAL

Educational and professional program

Environmental design

Level of higher education first (bachelor's)

Degree Bachelor

Field of knowledge 02 Culture and Art

Specialty 022 Design

Vice-rector for scientific and pedagogical activity (educational activity)

_____ **Oksana MORGULETS**

Approved by the Academic Council of the Faculty of Design

Minutes of March 15, 2021 № 9

Dean of the Faculty of Design

_____ **Maryna KOLOSNICHENKO**

Discussed and recommended at a meeting of the Department of Interior and Furniture Design

Minutes of March 10, 2021 № 11

Head of the Department of Interior and Furniture Design

_____ **Olena SAFRONOVA**

Guarantor of the educational program

_____ **Olena SAFRONOVA**

Entered into force by order of KNUTD from "___" _____ 20__ № ___

PREFACE

DEVELOPED: Kyiv National University of Technologies and Design

DEVELOPERS:

Guarantor of the educational program

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Working group members:

Vadym ABYZOV, Doctor of Architecture, Professor, Professor of the Department of Interior and Furniture Design, Kyiv National University of Technologies and Design

Tetyana BULGAKOVA, Candidate of Technical Sciences (PhD in Technologies), Associate Professor, Associate Professor of the Department of Interior and Furniture Design, Kyiv National University of Technologies and Design

Sofia ZINOVIEVA, student of the Department of Interior and Furniture Design of the Kyiv National University of Technologies and Design.

EXTERNAL STAKEHOLDER REVIEWS:

1. **I. V. KOBZARENKO**, director of SBID Ukraine LLC;
2. **O. V. PROKOPOV**, director of the architectural bureau, architect of Di Concept LLC;
3. **V. Yu. KOROSTYLOV**, director of ELDOOR LLC;
4. **O. O. KRYUCHKOV**, director of Woodsystems LLC;
5. **S. P. SHCHEGLOV**, director of Furniture Art-Classic LLC.

1. Profile of the educational and professional program Environmental design

1 - General information	
Full name of the institution of higher education and structural subdivision	Kyiv National University of Technologies and Design. Department of Interior and Furniture Design.
Degree of higher education and qualification	The level of higher education is the first (bachelor's). Degree of higher education - bachelor. Field of knowledge - 02 Culture and Art. Specialty - 022 Design.
Type of diploma and scope of educational program	Bachelor's degree, single, 240 ECTS credits / 180 credit ECTS for a reduced period of study.
Availability of accreditations	Certificate of accreditation of specialties: HD series, № 1190178 dated 23.10.2017.
Cycle/level	National Qualifications Framework of Ukraine - level 6.
Prerequisites	Complete general secondary education, professional pre-higher education or junior bachelor's degree (junior specialist). In accordance with the Standard of Higher Education for the specialty based on the degree of junior bachelor (junior specialist). The University recognizes and recalculates ECTS credits received within the previous educational program for junior bachelor (junior specialist).
Language of instruction	Ukrainian
Validity of the educational program	Until July 1, 2023.
Internet address of the permanent description of the educational program	https://knutd.edu.ua/ekts/
2 - The objective of the educational program	
<p>Formation and development of general and professional competencies in the field of design of the environment, aimed at acquiring knowledge, skills and abilities of designing and creating a certain image of design objects, mastering techniques and principles of integrative artistic, culturological, constructive-functional and technological parameters of designing a certain spatial product, complex design object or design project.</p> <p>The main objectives of the program are: the formation of specialists capable of solving complex specialized problems and practical problems in the field of design, characterized by complexity and uncertainty of conditions and involve the use of certain theories and methods of design in activities related to interior design, landscape environment.</p>	
3 - Characteristics of the educational program	
Subject area	The program is focused on the formation of applicants for competencies to acquire deep knowledge, skills and abilities in the specialty. Compulsory educational components – 75%, of which: general training –8%, special training – 58%, practical training – 13%, learning a foreign language – 13%, diploma thesis – 8%. Disciplines of free choice of students – 25% are selected from the university catalogue in accordance with the approved procedure at the University.
Orientation of the educational program	Educational-professional for bachelor's training.
The focus of the educational program	Emphasis is on the adaptation and implementation in professional activities of knowledge, skills of integral (informational, analytical, cultural, aesthetic, functional-typological, technological, presentational) solution of design

	<p>problems.</p> <p>Professional directions within the variable component:</p> <p>1 Computer Interior and Furniture Design;</p> <p>2 Landscape Design.</p>
Features of the educational program	<p>The program is applied, directed on development of modern approaches to design activity; focuses on modern research in the field of design of the environment; considers the specifics of the work of organizations, institutions and enterprises in this field, focuses on current specializations, in which the student determines a professional and scientific career; based on well-known project results, considering the current state of design, within which further professional and scientific career is possible.</p> <p>The program develops prospects for practical mastery of learning outcomes in project organizations. Students have the prospect of presenting their creative work in the framework of national and international design competitions.</p> <p>The program reveals the prospects of participation and internships in the structure of national creative organizations, such as: National Union of Artists of Ukraine, Union of Designers of Ukraine, Union of Architects of Ukraine, etc.</p>
4 - Suitability of graduates for employment and further study	
Suitability for employment	<p>Specialists can perform professional work as a designer in design and architectural offices, companies, enterprises working in the field of architecture, interior design, landscape design, furniture design, to carry out individual business activities in these areas.</p> <p>Bachelor in Design can hold the following primary positions: computer graphics (design) specialist, graphic designer, interior and furniture designer, furniture designer, landscape designer, designer-executor of industrial products and objects.</p>
Further education	<p>Opportunity to study according to the educational-scientific and / or educational-professional program of the second (master's) level of higher education.</p>
5 - Teaching and assessment	
Teaching and learning	<p>Student-centred and problem-oriented learning, learning through educational, industrial, pre-diploma practice and self-study are used. When teaching thematic material of relevant disciplines, general theoretical methodology is used in the field of art studies: historical, terminological, functional, systemic, process, cognitive approaches, as well as generalization, modelling, etc.</p> <p>The system of teaching methods is based on the principles of purposefulness, binarity – active direct participation of research and teaching staff and student.</p> <p>Forms of organization of the educational process: lecture, seminar, practical classes, laboratory classes, practical training, independent work, consultation, development of professional projects (works).</p>
Assessment	<p>Testing, survey-discussion, oral presentation, report on the development of complex design projects, practice report, written essay, portfolio, test, defence of course (project) work, oral and written exam, test.</p>
6 - Program competencies	
Integral Competence (IC)	<p>The ability to solve complex special purpose problems and practical challenges in the field of design, or in the learning process, which solution involves the application of theories and methods of design and is characterized by complexity and ambiguity of conditions.</p> <p>General competencies</p>

General competencies (GC)	GC 1	Knowledge and understanding of the subject area and understanding of professional activity.
	GC 2	Ability to communicate in the state language both orally and in writing.
	GC 3	Ability to communicate in a foreign language.
	GC 4	Ability to search, process and analyse information from various sources.
	GC 5	Ability to work in a team.
	GC 6	Ability to assess and assure the quality of work performed.
	GC 7	Appreciation and respect for diversity and multiculturalism.
	GC 8	Ability to exercise own rights and responsibilities as a member of society, to realize the values of civil society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.
	GC 9	Ability to preserve and increase cultural, artistic, environmental, moral, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies, to use different types and forms of physical activity for active recreation and a healthy lifestyle.
Professional competencies (PC)	PC 1	Ability to apply methods of designing single, complex, multifunctional design objects.
	PC 2	Ability to shape, layout and model the design objects.
	PC 3	Ability to perform compositional construction of design objects.
	PC 4	Ability to apply project graphics skills in professional activities
	PC 5	Ability to apply knowledge of the history of Ukrainian and foreign art and design in artistic and design activities.
	PC 6	Ability to use special techniques and technologies in the relevant materials in design and artistic activities (by specialization).
	PC 7	Ability to use modern software to create design objects.
	PC 8	Ability to make a colour solution of the future design object.
	PC 9	Ability to depict objects of the environment and human figures by means of plastic anatomy, special drawing and painting (by specializations).
	PC 10	Ability to apply knowledge of applied sciences in professional activities (by specializations).
	PC 11	Ability to succeed in a professional career, to develop and present visual presentations, a portfolio of own works, to have entrepreneurial skills to conduct design activities.

7 - Program learning outcomes	
Knowledge and understanding:	
PLO 1	Understand and honestly perform own part of teamwork; determine the priorities of professional activity.
PLO 2	Know the national and world cultural and artistic heritage, develop eco-culture by means of design.
PLO 3	Understand Ukrainian ethnocultural traditions in stylistic solutions of design objects, consider regional features of ethnodesign in artistic practices.
PLO 4	Understand the built environment as an art system; know the methods of organization of the design and graphic environment, characteristics of materials and tools, features of various graphic means.
PLO 5	Understand the patterns of harmonious application of colour and texture solutions of design objects, considering the visual qualities of finishing materials and the impact of lighting in the development of planar, three-dimensional, spatial design solutions.
Application of knowledge and understanding (skills):	
PLO 6	Apply the acquired knowledge and understanding of the subject area and sphere of professional activity in practical situations.
PLO 7	Collect and analyse information to substantiate a design project, apply the theory and methodology of design, professional terminology (for professional purposes), the basics of scientific research.
PLO 8	Define the purpose, objectives and stages of design.
PLO 9	Be aware of the responsibility for the quality of work performed, ensure the implementation of the task at a high professional level.
PLO 10	Create design objects by means of project-graphic modelling.
PLO 11	Determine the functional and aesthetic specifics of design tools in the communicative space.
PLO 12	Develop a compositional solution of design objects in appropriate techniques and materials.
PLO 13	Adhere to the standards of design and manufacturing technologies of design objects in professional activities.
PLO 14	Use in professional activity manifestations of Ukrainian mentality, historical memory, national self-identification and creative self-expression; apply historical creative experience, as well as successful Ukrainian and foreign practices.
PLO 15	Consider the properties of materials and constructions, apply the latest technologies in professional activities.
PLO 16	Apply modern general and specialized software in professional activities (by specializations).
PLO 17	Display morphological, stylistic and colour-texture properties of design objects
PLO 18	Solve functional and planning tasks considering regulatory requirements and needs of users, application of the newest technologies in creation of a modern design product.
Formation of judgments:	
PLO 19	Communicate freely in the state and foreign languages orally and in writing on professional issues, form different types of documents of professional orientation in accordance with the requirements of the culture of oral and written speech.
PLO 20	Analyse, style, interpret and transform objects for the development of artistic and design solutions.
PLO 21	Evaluate the object of design, technological processes in the context of the project task, form an artistic design concept.

PLO 22	Develop and present the results of own work in a professional environment, understand the stages of success in a professional career, consider current labour market trends, conduct market research, select the appropriate business model and develop a business plan for professional activities in design.
PLO 23	Identify the relationships between functional-planning, artistic and structural-technological factors of formation, considering the technological features and consumer qualities of structural and finishing materials in the built environment.
PLO 24	Identify and select methods of three-dimensional image representation in traditional and digital graphic techniques.
8 - Resource support for program implementation	
Staffing	Research and teaching staff that provide an educational program by qualification correspond to the profile and direction of the educational components taught; have the necessary experience of pedagogical work and experience of practical work. In the process of organizing training, professionals with experience in research / management / innovation / creative work and / or work in the specialty are involved.
Logistics	Logistics allows to fully ensure the educational process throughout the training cycle of the educational program. The condition of the premises is certified by sanitary and technical passports that comply with current regulations.
Information and educational-methodical support	The program is fully provided with an educational-methodical complex of all components of the educational program, the availability of which is presented in the modular environment of the educational process of the University.
9 - Academic mobility	
National credit mobility	Provides the possibility of academic mobility in some components of the educational program, providing the acquisition of general and / or professional competencies.
International Credit Mobility	The program develops prospects for participation and internships in research projects and academic mobility programs abroad. Performed in an active research environment.
Training of foreign applicants for higher education	Training of foreign applicants for higher education is carried out according to accredited educational programs.

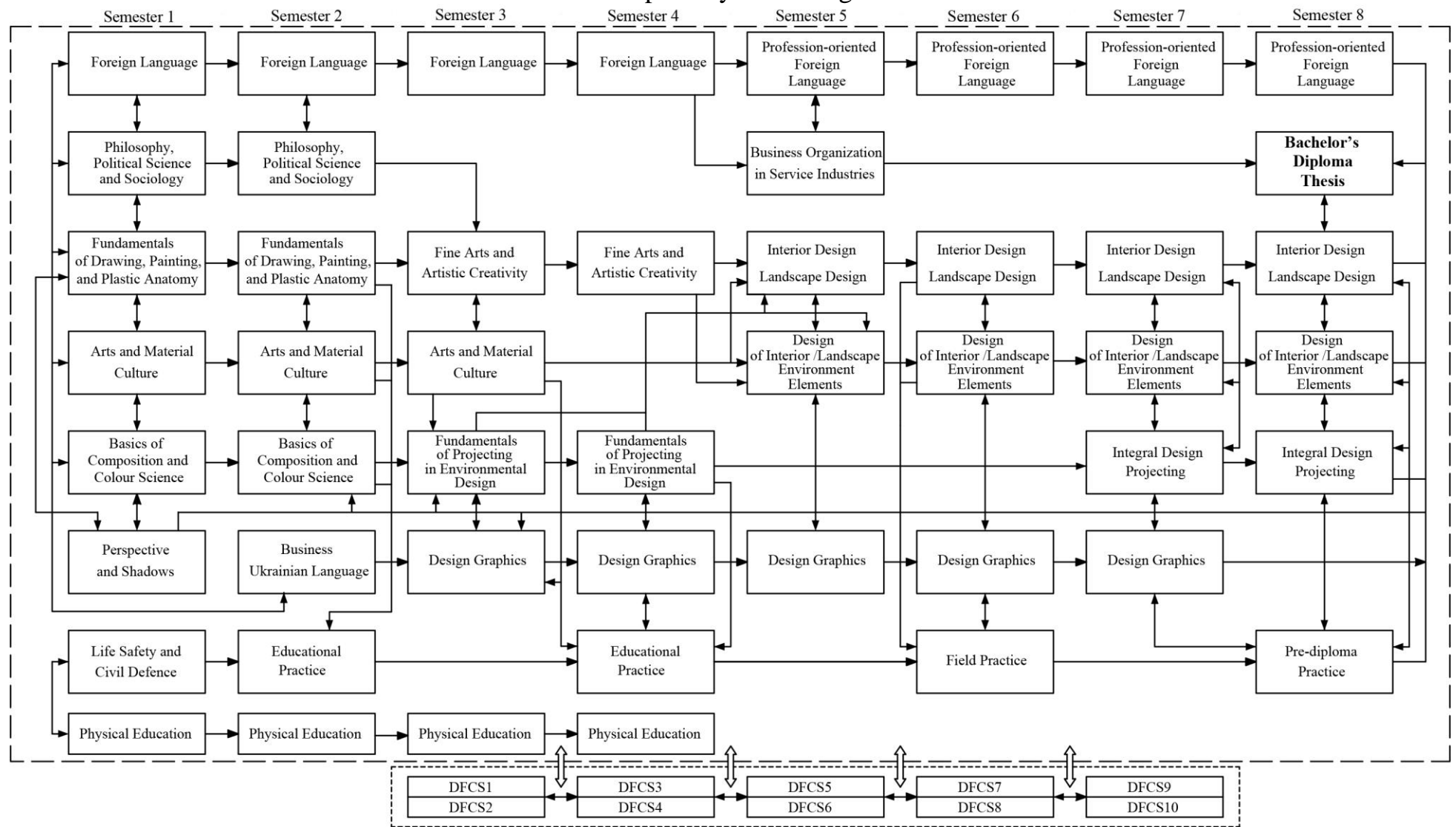
2. The list of components of the educational-professional program and their logical sequence

2.1 List of components of the educational-professional program of the first (bachelor's) level of higher education

Code	Components of the educational program (academic disciplines, term papers (projects), practices, qualification work)	Number of credits	Form of final control
1	2	3	4
Required components of the educational program			
General training cycle			
EC 1	Foreign Language (English , German , French)	12	exam
EC 2	Business Ukrainian language	3	credit
EC 3	Philosophy, Political Science and Sociology	6	exam
EC 4	Profession-oriented Foreign Language (English , German)	12	exam
EC 5	Life Safety and Civil Defence	3	exam
EC 6	Physical Education¹	3/9	credit
Total from cycle		39	
Professional training cycle			
EC 7	Fundamentals of Drawing, Painting and Plastic Anatomy	6	exam
EC 8	Basics of Composition and Colour Science (by types of design)	12	exam
EC 9	Perspective and Shadows	6	credit
EC 10	Arts and Material Culture (by types of design)	12	exam
EC 11	Fine Arts and Artistic Creativity	6	exam
EC 12	Fundamentals of Projecting in Environmental Design	9	exam
EC 13	Design Graphics (by types of design)	15	exam
EC 14	Business Organization in Service Industries	6	credit
EC 15	Integral Design Projecting (by types of design)	9	exam
Block 1. Professional direction "Computer Interior and Furniture Design"			
EC 16.1	Interior design	12	exam
EC 17.1	Design of Interior Environment Elements	12	exam
Block 2. Professional direction "Landscape design"			
EC 16.2	Landscape design	12	exam
EC 17.2	Design of Landscape Environment Elements	12	exam
Total from cycle		105	
Practical training			
EC 18	Educational Practice	12	credit
EC 19	Field Practice	6	credit
EC 20	Pre-diploma Practice	6	credit
EC 21	Bachelor's Diploma Thesis	12	certification
Total from cycle		141	
Total required components		180	
Selective components of the educational program			
DFCS	Disciplines of Free Choice of Students	60	credit
The total amount of sample components		60	
TOTAL SCOPE OF EDUCATIONAL PROFESSIONAL PROGRAM		240	

¹ – non-credit discipline 2,3,4 semester.

2.2. Structural and logical map of the educational and professional program “Design of the Environment” of bachelor’s degree in the specialty 022 Design



3. Form of certification of applicants for higher education

Forms of attestation of applicants for higher education	Attestation of a graduate of an educational program is carried out in the form of public defence of a bachelor's thesis.
Higher education document	Bachelor's degree with educational qualification: Bachelor of Design.

4. Matrix of correspondence of program competencies to the components of the educational-professional program

	RC 1	RC 2	RC 3	RC 4	RC 5	RC 6	RC 7	RC 8	RC 9	GC 1	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	GC 8	GC 9	GC 10	GC 11
EC 1			+	+			+							+						+
EC 2		+		+			+							+						
EC 3	+						+	+	+										+	
EC 4			+	+			+							+						+
EC 5					+	+			+										+	
EC 6					+		+		+										+	
EC 7						+	+		+			+	+	+				+		
EC 8	+			+		+					+	+	+			+				
EC 9	+			+							+		+							
EC 10							+		+	+				+						
EC 11						+	+		+			+	+	+				+		
EC 12	+			+							+	+	+		+		+			
EC 13	+			+						+	+		+			+				+
EC 14	+	+	+		+	+		+											+	+
EC 15	+			+		+			+	+	+				+		+		+	+
EC 16.1	+			+		+			+	+	+				+		+			
EC 16.2	+			+		+			+	+	+				+		+			
EC 17.1	+			+		+			+	+	+				+		+			
EC 17.2	+			+		+			+	+	+				+		+			
EC 18	+										+	+				+	+	+		+
EC 19	+			+		+				+	+	+			+					+
EC 20	+			+	+					+					+				+	
EC 21	+	+	+	+						+						+			+	+

5. Matrix for assuring program learning outcomes with relevant components of the educational-professional program

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11	PLO 12	PLO 13	PLO 14	PLO 15	PLO 16	PLO 17	PLO 18	PLO 19	PLO 20	PLO 21	PLO 22	PLO 23	PLO 24
EC 1														+					+					
EC 2			+											+					+					
EC 3	+													+										
EC 4														+					+					
EC 5	+			+		+			+				+		+			+						
EC 6	+								+															
EC 7		+	+									+		+			+			+				+
EC 8					+	+						+					+			+				
EC 9				+		+																		+
EC 10		+	+											+										
EC 11		+	+									+		+			+			+				+
EC 12				+				+		+		+	+			+								+
EC 13									+	+						+								+
EC 14	+					+	+		+										+			+		
EC 15	+	+	+		+	+	+				+				+			+			+		+	
EC 16.1	+			+				+	+		+	+			+			+		+	+			
EC 16.2	+			+				+	+		+	+			+			+		+	+			
EC 17.1	+			+		+		+	+		+		+	+	+	+	+			+	+		+	
EC 17.2	+			+		+		+	+		+		+	+	+	+	+			+	+		+	
EC 18			+		+				+				+			+								+
EC 19						+			+				+							+	+			
EC 20				+		+	+									+		+						
EC 21						+	+		+		+					+		+				+	+	+