MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
KYIV NATIONAL UNIVERSITY OF TECHNOLOGIES AND DESIGN

APPROVED BY THE ACADEMIC BOARD

Head of the Academic Board of KNUTD

_____I. M. Hryshchenko

EDUCATIONAL-PROFESSIONAL PROGRAM

Vocational education (Technology of light industry products)

Level of higher education the second (master's)

Degree of higher education master

Field of knowledge 01 Education / Pedagogy

Speciality 015 Vocational education (by specializations)

Specialization 015.36 Vocational education (Technology of light industry products)

Qualification master in vocational education (Technology of light industry products)

Kyiv 2020

LETTER OF APPROVAL

of Educational-professional program

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Specialization 015.36 Vocational education (Technology of light industry products)

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

14.12.2020 _____ **O. B. Morgulets**

Approved by the Academic board of the fashion industry faculty

Minutes No 6 of 07.12.2020

Dean of the fashion industry faculty

07.12.2020_____ **L. I. Zubkova**

Discussed and recommended on the meeting of the department of vocational education in technologies and design

Minutes No 7 of 07.12.2020

Head of the department of vocational education in technologies and design

10.12.2020_____ **T. M. Derkach**

Guarantor of the educational program

10.12.2020 _____ **T. M. Derkach**

Entered into force by KNUTD order No 288 of 23.12.2020

PREFACE

DEVELOPED: Kyiv national university of technologies and design

DEVELOPERS:

Guarantor of the educational program **Derkach Tetiana Mychailivna**, doctor of pedagogical sciences, professor, head of the department of vocational education in technologies and design of Kyiv national university of technologies and design.

Workgroup members:

Vodzinska Oksana Ivanivna, candidate of technical sciences, associate professor, associate professor of the department of technologies and construction of garments of Kyiv national university of technologies and design;

Vnukova Olha Mykolaivna, candidate of pedagogical sciences, associate professor, associate professor of the department of vocational education in technologies and design of Kyiv national university of technologies and design;

Kalinina Anastasiia Vitaliivna, student of the fashion industry faculty of Kyiv national university of technologies and design.

EXTERNAL STAKEHOLDER RECENSIONS:

1. Horbatiuk N. A., director of Kyiv Higher Vocational School of Sewing and Hairdressing Art;

2. Petrovych S. M., acting director of the Kyiv Higher Vocational School of Technology and Clothing Design;

3. Shchutska G.V., director of the Kyiv Professional College of Applied Sciences.

4. Yaroshchuk T. V, teacher of special disciplines of Kyiv Higher Vocational School of Technology and Clothing Design;

5. Fadieeva N. M., teacher of special disciplines of Kyiv Professional College of Applied Sciences.

1. Profile of the educational -professional program
Vocational education (Technology of light industry products)

1 – General information	
Full name of the higher education institution and structural unit	Kyiv national university of technologies and design. Department of vocational education in technologies and design.
Higher education degree and qualification in the original language	Level of higher education – the second (master's). Degree of higher education – master. Field of knowledge – 01 Education / Pedagogy. Speciality – 015 Vocational education (by specializations). Specialization – 015.36 Vocational education (Technology of light industry products).
Type of diploma and volume of the educational program	Master's degree, unitary, 90 ECTS credits.
Availability of accreditation	Certificate of accreditation of the educational program UD № 11007731 of 08.01.2019.
Cycle/level	The National Qualifications Framework of Ukraine – the seventh level.
Prerequisites	Bachelor degree.
Language of instruction	Ukrainian
Term of the educational program	Till the 01 of July 2024 p.
Internet address of the permanent placement of the description of the educational program	http://knutd.edu.ua/ekts/
2 – The goal of the educational program	
To train specialists who have professional competencies in the fields of vocational education and fashion industry, are able to solve complex problems and to implement innovations in professional activities in the specialty 015.36 Vocational education (Technology of light industry products). The main goals of the program are: formation of abilities to carry out educational process in vocational education institutions of sewing profile, to establish effective psychological-pedagogical interaction with applicants of vocational education, to show professional knowledge and skills in the content and methods of teaching general technical and special disciplines, as well as the use of educational technologies.	
3 – Characteristics of the educational program	
Subject area	The program is focused on applicants' competencies forming for the acquisition of profound knowledge, skills and abilities in the speciality. Compulsory educational components – 73 %, of which: disciplines of general training - 9% (including learning of a foreign language - 4.5%); professional training - 91% (including practical training - 32%, diploma design - 32%). Disciplines of free choice of students - 27% are selected from the university catalogue according to the approved procedure at the University.
Orientation of educational program	Educational- professional for master's training.
The main focus of educational program	Emphasis is placed on the formation and development of the competencies in the field of vocational education, the study of theoretical and methodological provisions, organizational and practical tools for the realization of educational activities in vocational education institutions in the field of fashion industry.

Peculiarities of the educational program	The program develops prospects for student's mobility, is performed in an active research environment, as well as in a real environment of future professional activity, focused on the implementation of real projects on the technology of garments manufacturing and training of personnel for the fashion industry.	
4 – Suitability of graduates for employment and further study		
Suitability for employment	The graduate is suitable for performing of scientific, educational, analytical, expert, counselling, managerial, cultural-educational activities in the field of education. May hold the following positions: teacher of vocational training, teacher of general-technical and special disciplines in the vocational and extracurricular education institutions, technologist-mentor, head of industrial practice, vocational consultant, instructor of personnel training in production, methodologist in educational institution, administrative employee of vocational education institution, out-of-school educational institution, advanced training centres; research engineer of scientific organizations in the field of light industry, engineer-constructor, engineer -technologists, production preparation engineer, head of production units of garment enterprises. The graduate is suitable for employment in enterprises, organizations and institutions operating in the fields of vocational education and light industry.	
Further training	Lifelong learning to improve professional, scientific and other types of activities. Opportunity to continue training in the educational-scientific program of the third (educational-scientific) level of higher education (doctor of philosophy) and to acquire additional qualifications in the system of adult education.	
5 – Teaching and evaluation		
Teaching and learning	Student-cantered and problem-oriented learning, learning through industrial and prediploma internship and self-study are used. The system of teaching methods is based on the principles of purposefulness, binary direct active participation of a research-teaching staff and a higher education applicant. Forms of organization of the educational process: lecture, seminar, practical class, practical training, self-study, consultation, development of professional projects (works). Personal and activity approaches in dialectical unity are used, which direct students in the educational process to the personal development of and their self-realization. The competency approach enables the development of competencies necessary for a future specialist for his successful professional activity. Due to the individual-differential approach, the identification and development of professionally significant qualities of the student's personality is ensured.	
Оцінювання	Examinations, graded tests, tests, presentations, essays, project works, psychological-pedagogical characteristics, control works, reports on practice, calculation-graphic works, term paper, master's thesis (project).	
6 – Program competencies		
Integral competence (IC)	Ability to solve research and / or innovation tasks and problems in vocational education.	
General competencies (GC)	GC 1	Ability to abstract thinking, analysis and synthesis.
	GC 2	Ability to search, process and analyze information from various sources.
	GC 3	The ability to communicate with representatives of other

		professional groups on different levels (with experts from other fields of knowledge / types of economic activity).
	GC 4	Ability to work in an international context.
	GC 5	The ability to motivate people and move towards a common goal.
	GC 6	The ability to act socially responsibly and consciously.
	GC 7	Ability to the interpersonal interaction.
Professional competencies (PC)	PC 1	Ability to apply and develop new approaches to solving tasks of research and / or innovative nature and problems of vocational education.
	PC 2	Ability to take into account the diversity of students in planning and realization of the educational process in vocational education.
	PC 3	Ability to apply and create new educational tools and technologies and integrate them into the educational environment of vocational education.
	PC 4	Ability to analyse, predict, critically comprehend problems in vocational education, make effective decisions to solve them.
	PC 5	Ability to develop and implement projects in vocational education, including interdisciplinary, to realize its information, methodological, material, financial and staffing providing.
	PC 6	Ability to manage the strategic development of the team in the process of professional activity.
	PC 7	Counselling skills in the field of vocational education.
	PC 8	Ability to design, develop and analyse the technological processes of garments manufacturing with the design of technological sequences of processing and division of labour schemes; calculate the norms of material consumption, time and labour intensity of products.
	PC 9	Ability to use creative approaches in the design, construction and manufacturing of light industry products, adhering to the rules of resource conservation, implementing measures for labour protection and the environment protection.

7 – Program learning outcomes	
Knowledge and understanding:	
PLO 1	To know at the level of the latest achievements the main concepts of sustainable development of the society, education and methodology of scientific knowledge in the field of vocational education.
PLO 2	To know the methods, forms, means of teaching and upbringing, techniques of pedagogical skills, regulations on future activities, the fundamentals of civil defence and labour protection.
PLO 3	To know and to understand the latest technologies and optimal modes of constructing and manufacture of garments; systems of models of the uniform compositional, stylistic decision, construction of products according to new technologies, algorithms of construction tasks.
Application of knowledge and understanding (skills):	
PLO 4	To be able to use the automated means of graphic realization of the artistic and constructive solutions of clothing models, modern automated systems for constructive preparation of production, methods of technological processes designing, methods of software projecting for technological processes of design and manufacture of garments.
PLO 5	To use effectively the modern digital tools, information technologies and resources in professional, innovative and / or research activities.

PLO 6	To form a communication strategy effectively, carry out business communication and communicate clearly and unambiguously their thoughts and arguments to professionals and the general public, to lead a professional discussion.
PLO 7	To apply in practical work the achievements of light industry, pedagogy and information technology.
PLO 8	To choose the optimal strategy of collective activity, interpersonal communication and interaction for the implementation of complex projects in vocational education and interdisciplinary projects, taking into account ethical, legal, social and economic aspects.
PLO 9	To organise the educational process in the field of vocational education on the basis of human-centred approach and modern achievements of pedagogy and psychology, manage cognitive activity, and carry out an effective and objective assessment of students' learning outcomes.
PLO 10	To create an educational environment of vocational education that is favourable for education applicants and ensures the achievement of particular learning outcomes.
PLO 11	To carry out a search of the necessary information on vocational education and related issues in scientific and professional literature, databases and other sources, systematize, analyse and evaluate relevant information.
PLO 12	To build and research models of processes in the field of vocational education.
PLO 13	To carry out the counselling activity in the field of vocational education.
PLO 14	To evaluate and to justify the use of the modern technologies and optimal modes of constructing and manufacture of garments; to develop systems of models according to the uniform compositional, stylistic decision; to improve the construction of products on new technologies, to make algorithms of construction tasks.
Formation of judgements:	
PLO 15	To communicate freely in state and foreign languages orally and in writing to discuss and present the results of professional activities, research and projects.
8 – Resource support for the program implementation	
Staff	All scientific and pedagogical workers who provide educational program by qualification correspond to the profile and direction of the educational components, that are taught, have the necessary experience of pedagogical work and experience of practical work. In the process of training organization, professionals with experience in research / management / innovation / creative work and / or work in the speciality are involved.
The material and technical provision	Material-technical provision allows to fully ensure the educational process throughout the training cycle of the educational program. The condition of the classrooms is certified by sanitary-technical passports that comply with current regulations.
Information and educational-methodical provision	The program is fully provided with educational-methodological complexes of all educational components, 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 for 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 scientific-research projects and academic mobility programs abroad. It is performed in an active research environment.

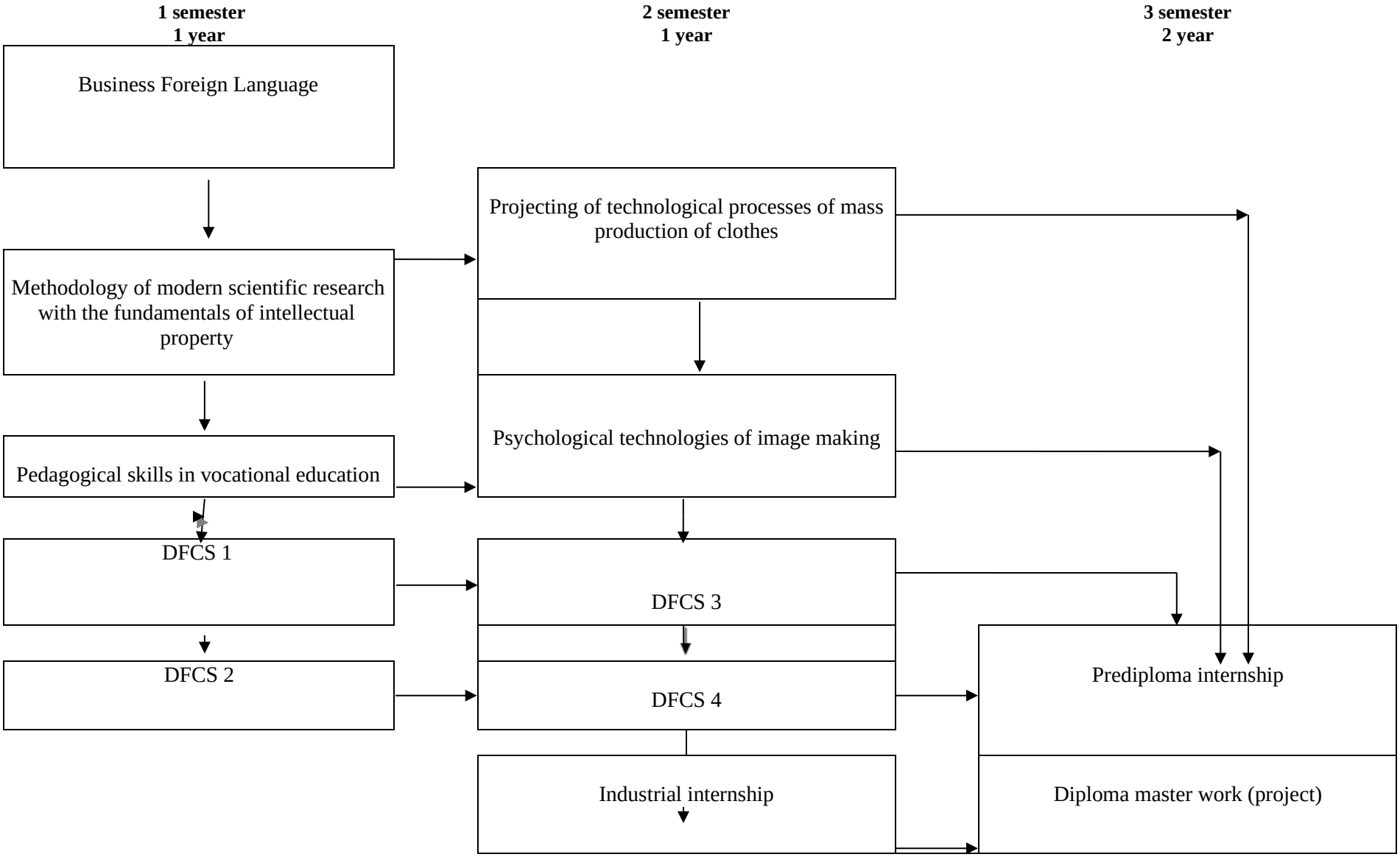
Training of foreign applicants for higher education	Training of foreign applicants for higher education is carried out according to the accredited educational programs.

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

2.1 The list of components of educational-professional program of second (master'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
Obligatory components of educational program			
The cycle of general training			
EC 1	Methodology of modern scientific research with the fundamentals of intellectual property	3	examination
EC 2	Business Foreign Language	3	graded test
	Total of the cycle	6	
The cycle of professional training			
EC 3	Pedagogical skills in vocational education	6	examination
EC 4	Psychological technologies of image making	6	examination
EC 5	Projecting of technological processes of mass production of clothes	6	examination
EC 6	Industrial internship	6	graded test
EC 7	Prediploma internship	15	graded test
EC 8	Diploma master's work (project)	21	certification
	Total of the cycle	60	
	The total volume of obligatory components	**66**	
Selective components of educational program			
DFCS	Disciplines of free choice of the student	24	graded test
	The total volume of selective components	**24**	
THE TOTAL VOLUME OF EDUCATIONAL PROGRAM		**90**	

2.2. Structural-logical scheme of masters' training of educational- professional program Vocational education (Technology of light industry products) on specialization **015.36 Vocational education (Technology of light industry products)**



3. Form of certification of applicants for higher education

Forms of certification of applicants for higher education	Certification of a graduate of an educational program is carried out in the form of public defence of a master's thesis (project).
Document of higher education	Master's diploma with awarding of educational qualification: Master of Vocational Education (Technology of light industry products).

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

	GC 1	GC 2	GC 3	GC 4	GC 5	GC 6	GC 7	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9
EC 1	*	*		*				*			*					
EC 2		*	*	*										*		
EC 3					*			*	*	*		*				
EC 4	*	*	*		*	*	*		*							
EC 5															*	*
EC 6			*				*					*	*		*	
EC 7					*	*		*				*	*	*		
EC 8	*		*					*		*		*				*

5. Matrix of providing of program learning outcomes with relevant components of the educational 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
EC 1	*	*			*	*				*	*	*	*		*
EC 2						*	*				*				*
EC 3	*	*			*	*	*	*	*	*	*	*	*		*
EC 4						*		*	*						
EC 5		*	*	*			*							*	
EC 6		*	*	*										*	
EC 7		*			*			*	*	*	*	*	*		*
EC 8		*	*	*	*	*		*	*	*	*	*	*	*	*