

BUNIN YELETS STATE UNIVERSITY

"APPROVED"
Director of the Institute of Culture, History
and Law I.A. Karpacheva/



THE WORK PROGRAMME OF THE DISCIPLINE **B1.C.05.03 Methods of teaching anatomical drawing**

Direction of training: 44.03.01 *Pedagogical Education*

Programme: *Fine Arts*

Qualification (degree): *bachelor*

Mode of study: *full-time*

Institute of Culture, History and Law

Department: *Design, Art Education and Technology*

	full-time form	full-time and part-time form	part-time form
Study course	3		
Term	6		
Lectures	12		
Laboratory work			
Seminars (practical work)	12		
including practical training			
Form(s) of control	Exam - 0,3		
Control	9		
Other forms of work			
Independent work	74,7		

Total number of academic hours: 108

Labour intensity: 3 credits

Developer of the work programme:

Candidate of Pedagogical Sciences, Professor Maltseva V.A.

I. ORGANIZATIONAL AND METHODOLOGICAL SECTION

The purpose of studying the discipline: formation of a system of knowledge, skills and abilities of realistic drawing, related to understanding the features of the creative process of creating an artistic image and creative processing of objects of the surrounding world, as a basis for the development of universal competencies and a basis for the development of professional competencies, mastering the skills of linear-constructive construction in drawing; study of the plastic connection of the figure based on the skeleton and generalized muscle masses, the arrangement of body parts in space and the methods of constructing a figure according to the laws of anatomical connection.

Objectives of studying the discipline:

- development of the ability to use anatomical drawings in the practice of composing a composition and processing them in the direction of designing any ergonomic object;
- development of an understanding of the methodology for performing an anatomical drawing;
- mastering the techniques of anatomical drawing.

The place of the discipline in the structure of the basic professional educational program: it is implemented within the framework of the basic (compulsory) part of block B1. Disciplines (modules).

Planned learning outcomes for the discipline:

Competence cod	Indicators of competence achievement	Planned learning outcomes for the discipline
GPC-2	To know: - federal state educational standards; - history, patterns and principles of construction and functioning of educational systems; - basics of didactics; - modern educational technologies, including ICT.	Knows: - federal state educational standards; - history, patterns and principles of construction and functioning of art education; - basics of didactics of plastic anatomy; - modern educational technologies, including ICT in the methodology of studying anatomical drawing.
	To be able to: - develop individual components of basic and additional educational programs; - use ICT in developing educational programs; - plan educational sessions.	Is able to: - develop individual components of basic and additional educational programs on anatomical drawing; - use ICT in developing educational programs; - plan educational sessions.
	To possess: - techniques for developing programs of academic disciplines within the framework of the basic general educational program; - skills in applying modern educational technologies in a real and virtual educa-	Possesses: - methods for developing programs for teaching anatomical drawing within the framework of the basic general education program; - skills in applying modern educational technologies in a real and virtual educa-

	<p>tional environment;</p> <ul style="list-style-type: none"> - ICT: at the user level; at the general pedagogical level; at the subject-pedagogical level. 	<p>tional environment;</p> <ul style="list-style-type: none"> - ICT: at the user level; at the general pedagogical level; at the subject-pedagogical level.
GPC-5	<p>To know:</p> <ul style="list-style-type: none"> - principles of organizing monitoring and evaluation of students' educational results; - technologies and methods of monitoring and evaluation of educational results; - special technologies and methods that allow identifying and correcting learning difficulties. 	<p>Knows:</p> <ul style="list-style-type: none"> - principles of organizing monitoring and evaluation of students' educational results in anatomical drawing; - technologies and methods of monitoring and evaluation of educational results in anatomical drawing; - special technologies and methods that allow identifying and correcting difficulties in teaching anatomical drawing;
	<p>To be able to:</p> <ul style="list-style-type: none"> - apply tools, methods of diagnostics and evaluation of indicators of the level and dynamics of students' development; - conduct pedagogical diagnostics and correction of learning difficulties. 	<p>Is able to:</p> <ul style="list-style-type: none"> - apply tools, methods of diagnostics and assessment of indicators of the level and dynamics of development of students in visual activities; - conduct pedagogical diagnostics and correction of difficulties in teaching anatomical drawing;
	<p>To possess:</p> <ul style="list-style-type: none"> - methods of monitoring and evaluation of students' educational results (personal, subject, meta-subject); - special methods that allow identifying and correcting learning difficulties. 	<p>Possesses:</p> <ul style="list-style-type: none"> - methods of monitoring and evaluating the educational results (personal, subject, meta-subject) of students; - special methods that allow identifying and correcting difficulties in learning anatomical drawing;
GPC-9	<p>To know:</p> <ul style="list-style-type: none"> - principles of operation of modern information technologies and methods of their use to solve problems of professional activity. 	<p>Knows:</p> <ul style="list-style-type: none"> - principles of operation of modern information technologies and methods of their use to solve problems of professional activity in the field of teaching methods of anatomical drawing.
	<p>To be able to:</p> <ul style="list-style-type: none"> - reasonably choose modern information technologies and use them to solve problems of professional activity. 	<p>Is able to:</p> <ul style="list-style-type: none"> - reasonably choose modern information technologies and use them to solve problems of professional activity in the field of teaching methods of anatomical drawing
	<p>To possess:</p> <ul style="list-style-type: none"> - skills of working with modern information technologies, methods of their use to solve problems of professional activity. 	<p>Possesses:</p> <ul style="list-style-type: none"> - skills of working with modern information technologies, methods of their use to solve problems of professional activity in the field of teaching methods of anatomical drawing.

II. CONTENT AND SCOPE OF THE DISCIPLINE

indicating the number of hours allocated for contact work of students with the teacher (by type of class) and for independent work

Full-time education

№	Name of sections and topics	Total	Classroom lessons			Ind. work.
			Lec.	Sem. (pract.)	Lab.	
1	2	3	4	5	6	7
	Section 1. Theoretical foundations of anatomical drawing	98,7	12	12		74,7
1.	Topic 1. Fundamentals of plastic anatomy. Human bone structure	19	2	2		15
2.	Topic 2. Fundamentals of plastic anatomy. Muscular structure of a human. Plastic surgery of the human body	19	2	2		15
3.	Topic 3. Proportions of the human figure. Drawing from life. Portrait. Human figure	19	2	2		15
4.	Topic 4. Methodology for Studying the Main Parts of the Body and Their Movements	19	2	2		15
5.	Topic 5. Methods of Drawing the Main Parts of the Body and Their Movements. Methods of drawing plastic models from images, sculptures, mannequins and live models.	22,7	4	4		14,7
	<i>Control</i>	<i>9</i>				
	<i>Exam</i>	<i>0,3</i>				
	Total for 6 term	108	12	12		74,7

Full-time and part-time education (not implemented)

Part-time education (not implemented)

III. EVALUATION MATERIALS FOR CONDUCTING CURRENT AND INTER-IM CERTIFICATION OF STUDENTS IN THE DISCIPLINE

Current certification is carried out in the form of a test, abstracts, creative assignments, etc.

Standard version of the test (in traditional form)

Topic: Drawing a still life with a plaster cast of hand.

Time: 4 hours

Objectives and tasks:

1. To make a layout of a drawing of household items and a plaster sample on a sheet of paper 1/4 of a Whatman paper sheet.
2. To convey the proportions, volume and character of the objects.
3. To observe the culture of strokes, to use the possibilities of the line when drawing.

Standard version of the test

Task #1

A drawing is...

- a) an image made by hand and by eye using graphic tools;
- b) an image made using drawing instruments;
- c) an image made with one line;
- d) an image made from life.

Task #2

is used for drawing with liquid dyes, with different tip shapes:

- a) a brush;
- b) a stack;
- c) a pen;
- d) sauce

Task #3

Sticks without a frame in red-brown tones:

- a) pastel;
- b) charcoal;
- c) sanguine;
- d) wax crayons

Task #4

The distance to the model should be:

- a) not less than its natural size;
- b) not less than its threefold size;
- c) not less than its sixfold size;
- d) not less than four times its size

Task #5

Can be hidden:

- a) shape;
- b) construction;
- c) structure;
- d) volume

Task #6

The essence of the structure of any shape is:

- a) structure;
- b) tectonics;
- c) construction;
- d) dynamics.

Task #7

The following are considered bodies of revolution:

- a) pyramid;
- b) cone;
- c) prism;
- d) cube

Task #8

Complex shape:

- a) Octagonal prism;
- b) Pyramid;
- c) Plaster vase;
- d) sphere

Task #9

The nature of the shape in a linear drawing is emphasized by:

- a) Line;
- b) Perspective;
- c) Stroke;
- d) Tonal spot

Task #10

Light reflected from another object falling on the shadow part of the body is called:

- a) glare;
- b) reflex;
- c) halftone;
- d) falling shadow

Task #11

The law of integrity of composition lies in:

- a) In the combination of opposites;
- b) In the novelty of form and content;
- c) In the unity of composition with the concept;
- d) In the vitality of the artistic image

Task #12

The indivisibility of composition, the uniqueness of elements is:

- a) The law of contrast;
- b) The law of novelty;
- c) The law of vitality;
- d) The law of integrity.

Task #13

Means of highlighting and enhancing the expressiveness of a compositional element, representing a combination of opposite characteristics are:

- a) Contrast;
- b) Nuance;

- c) Accent;
- d) Color.

Task #14

The relationship of shapes by height, width and length is:

- a) Proportions;
- b) Size;
- c) Dimensions;
- d) Mass.

Task #15

The means of achieving balance in composition is:

- a) Contrast;
- b) Nuance;
- c) Accent;
- d) Color

Task #16

The horizontal plane on which the artist and the model are located:

- a) Picture plane;
- b) Horizon plane;
- c) Object plane;
- d) Plane of the principal perpendicular.

Task #17

The basis of the "visual cone":

- a) Point of view;
- b) Field of view;
- c) Line of sight;
- d) Vanishing point.

Task #18

The base of the painting is:

- a) The intersection of the picture plane with the horizon plane;
- b) The intersection of the principal perpendicular with the horizon line;
- c) The intersection of the picture plane with the object plane;
- d) The intersection of the plane of the principal perpendicular with the object plane.

Task #19

Apparent changes in some features of objects under the influence of the air environment and space, changes in color, outlines and degree of illumination of objects that occur as the subject moves away from the observer's eyes:

- a) observational perspective;
- b) linear perspective;
- c) dimensional perspective;

d) aerial perspective

Task #20

The most important part of constructing any plaster ornament (rosette) is:

- a) constructing the height of the ornament relief;
- b) defining large elements of the ornament;
- c) designating all details of the ornament;
- d) designation of the axis of symmetry

Task #21

Educational drawings for objects one meter high are made in the following sizes:

- a) From $1/4$ to $1/2$;
- b) From $3/4$ to $1/2$;
- c) From $1/2$ to $2/5$;
- d) From $1/2$ to $2/3$.

Task #22

The execution of a still life drawing begins:

- a) with the linear-constructive construction of the objects that make up the still life;
- b) with determining the sizes and proportions of the objects;
- c) with determining the relative positions of the objects in space
- d) with compositional search

Task #23

The drawing of hands and feet begins:

- a) with an analysis of the shape of the hands and feet and their compositional placement on the plane of the sheet;
- b) with determining the proportions and spatial position;
- c) with a linear-constructive construction on the plane of the sheet;
- d) with drawing the shape of the feet and hands and their details

Task #24

A drawing of a live model differs from a plaster model in:

- a) Tonality;
- b) Texture;
- c) Proportionality;
- d) Plasticity

Task #25

Introduction to the structure and anatomy of the human head begins:

- a) with drawing a live head of a model;
- b) with drawing a plaster antique head;
- c) with drawing a human skull;
- d) with a plaster anatomical model of the head. Ecorche

Task #26

Downward folds of drapery

- a) Radial
- b) Wedge-shaped
- c) Radial
- d) horizontal

Task #27

The module (measure) of proportional relationships of the human figure is:

- a) length of the palm;
- b) height of the head;
- c) length of the foot;
- d) width of the head

Sample topics for abstracts

1. Methods of drawing plaster limbs.
2. Fundamentals of plastic anatomy.
3. Method of drawing a human skull.
4. Methodology for constructing a human torso.
5. Methodology for studying human muscular structure.
6. Methodology for studying human bone structure.
7. Methods of drawing from life a nude human figure.
8. Methods of drawing from life models Ecorche.
9. Methods of drawing from life the limbs of a living model

Sample topics for creative assignments

Topic: Sketching a human head.

Time: 2 hours

Objectives and tasks:

1. To make a layout of a drawing of a human head on a sheet of paper 1/4 of a sheet of Whatman paper.
2. To convey the proportions, movement and character of the model's head.
3. To convey the relationship of the head with the shoulder girdle.
4. To observe the culture of strokes, to use the possibilities of the line when making sketches

Interim assessment of students is carried out in the form of an exam using the following assessment materials: list of questions for an exam.

List of questions for the exam (6 term, Full-time education)

1. Drawing from life as the basis of realistic art.
2. Human head. Anatomical structure, proportions.
3. Drawing of the human skull.
4. Features of drawing plaster casts of parts of the face.

5. Drawing of plaster models of a living form. Head.
6. Sequence of work on a portrait of a living model.
7. Fundamentals of plastic anatomy. Proportions of the human figure.
8. Drawing of the human foot and hand.
9. Drawing of a plaster figure of a person.
10. Sequence of drawing from life the human figure.
11. Sketches and sketches of the human figure.
12. Features of depicting the human figure in motion.

Practical task: Make a compositional scheme of a multi-figure composition on the theme "In the workshop".

IV. LIST OF REFERENCES REQUIRED FOR MASTERING THE DISCIPLINE

4.1. Main literature

1. Nikitenkov, S. A. Drawing of the human figure: a textbook: [16+] / S. A. Nikitenkov; Lipetsk State Pedagogical University named after P. P. Semenov-Tyan-Shansky. - 2nd ed., revised and enlarged. - Lipetsk: Lipetsk State Pedagogical University named after P.P. Semenov-Tyan-Shansky, 2022. - 81 p.: ill. - Access mode: by subscription. - URL: <https://biblioclub.ru/index.php?page=book&id=700499> (date of access: 04 April 2025). - Bibliography: p. 38. - ISBN 978-5-907461-95-6. - Text: electronic.
2. Piskarev, V. V. Analysis of the design and basis of plastic anatomy in drawing the human figure: a tutorial: [16+] / V. V. Piskarev; Kazan National Research Technological University. - Kazan: Kazan National Research Technological University (KNITU), 2021. - 124 p.: ill. - Access mode: by subscription. - URL: <https://biblioclub.ru/index.php?page=book&id=702040> (date of access: 04 April 2025). - Bibliography in the book. - ISBN 978-5-7882-2996-6. - Text: electronic.

4.2. Additional literature

1. Graphics : textbook : [16+] / T. I. Berbash, A. A. Sorokin, N. E. Kolganova [et al.] ; Lipetsk State Pedagogical University named after P. P. Semenov-Tyan-Shansky. - Lipetsk: Lipetsk State Pedagogical University named after P. P. Semenov-Tyan-Shansky, 2023. -- 106 p.: ill. - Access mode: by subscription. - URL: <https://biblioclub.ru/index.php?page=book&id=707999> (date of access: 04 April 2025). - Bibliography in the book. - ISBN 978-5-907655-67-6. - Text: electronic.

V. LIST OF RESOURCES OF THE INFORMATION AND TELECOMMUNICATION NETWORK "INTERNET" REQUIRED FOR MASTERING THE DISCIPLINE

№	Link to information resource	Name of the development in electronic form	Availability
1.	http://edu.ru/	Russian Education: Federal Portal. Includes links to portals and websites of educational in-	Free access

		stitutions; state educational standards; regulatory documents; catalog of excursions and educational programs.	
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VI. MODERN PROFESSIONAL DATABASES AND INFORMATION REFERENCE SYSTEMS

1.	http://www.biblioclub.ru	Electronic library system (ELS) University library online	Registration via the university computer. In the future, unlimited individual access is provided from any point where there is access to the Internet.
2.	https://e.lanbook.com/	Electronic library system (ELS) Lan	Registration via the university computer. In the future, unlimited individual access is provided from any point where there is access to the Internet.

VII. LICENSED AND FREELY DISTRIBUTABLE SOFTWARE

The following licensed and freely distributed software is used in the implementation of the academic discipline:

- Microsoft Windows;
- Microsoft Office;
- LibreOffice and others.

VIII. EQUIPMENT AND TECHNICAL TEACHING AIDS REQUIRED FOR THE IMPLEMENTATION OF THE EDUCATIONAL PROCESS IN THE DISCIPLINE

Classes are held in classrooms equipped with specialized furniture, including stationary or portable technical teaching aids (projector, screen, computer/laptop).

Practical classes are held in specialized workshops equipped with equipment (easels, spotlights, object tables) and life-size materials (plaster models, dummies, draperies, household items).

Independent work is carried out in rooms equipped with computers with the ability to connect to the Internet and provide access to the electronic information and educational environment of the university.