Course title	Architectural Drawing (ECTS 6)
Subject/module code	AR2306
Semesters in which the course is taught	Semesters 2/3
Assigned instructor	Xalikov Sanjar Ravshanovich, assistant lecturer
Language of instruction	Uzbek
Course type	Compulsory
Study hours (including independent study)	**Total hours – 180.** **Classroom hours – 72.** Lecture hours – 0 Laboratory hours – 0 Practical hours – 72 **Independent study – 108 hours**
ECTS	6
Aims and objectives of the course / learning outcomes	**Aim of the course** – To develop in students knowledge, skills and competence regarding the means of architectural drawing, the methods of executing it and its types. To depict geometric forms, architectural details and buildings from life in pencil and ink, and to acquire professional and personal skills in perceiving and conveying space, volume and light-and-shade relationships correctly. **Objective of the course** – To teach students the basic principles of architectural drawing (composition, proportion, perspective, light and shade), as well as drawing materials and techniques, and to develop the ability to use them in the design process. **Learning outcomes:** 1. To have an understanding of architectural drawing. 2. To be able to draw geometric solids and plaster forms from life correctly, based on their constructive structure. 3. To be able to depict architectural details and elements with regard to their proportions and volumetric structure. 4. To be able to depict buildings and interiors by applying the laws of perspective. 5. To be able to express volume and space through light and shade and tonal relationships. 6. To be able to observe the architectural environment independently and to create sketches and studies.
Course content (topics)	I. Main theoretical part (lectures) Lectures are not provided for in the model curriculum of the course. II. Instructions and recommendations on organizing laboratory classes. Laboratory classes are not provided for in the model curriculum of the course. III. Instructions and recommendations for practical classes The instructor's preparation for a practical class begins with studying the initial documents (curriculum, thematic plan, etc.) and ends with drawing up the lesson plan. The instructor must have a clear idea of the aims and objectives of the practical class and of the amount of work each student must complete. The methodological instructions are the instructor's main methodological document for preparing and conducting practical classes. The aim of a practical class is to understand theory and acquire skills. It consists in developing the ability to apply them consciously in academic and professional activity and to formulate one's own point of

	view convincingly. Recommended practical topics: 1. Introduction to the course Architectural Drawing. Drawing materials and equipment. Assignment 1. Drawing simple geometric solids (cube, prism, cylinder) in pencil (A3 format). 2. Determining the constructive structure of geometric solids; studying the basics of linear perspective. 3. Arranging the composition of geometric solids correctly on the sheet and determining their proportions. 4. Rendering the form shadows and cast shadows on geometric solids in pencil. 5. Completing the assignment in full and grading. 6. Assignment 2. Drawing a still life of plaster geometric solids in pencil (A3 format). 7. Constructing the overall structure and proportions of the still life. 8. Determining tonal relationships in the still life; working with hatching techniques. 9. Final rendering and generalization of the still life. 10. Completing the assignment in full and grading. 11. Assignment 3. Drawing architectural details (cornice, base, capital) from plaster casts in pencil (A3 format). 12. Determining the constructive build and proportions of the detail. 13. Showing the volume of the detail through light and shade. 14. Completing the assignment in full and grading. 15. Assignment 4. Drawing national architectural elements (column, arch, ornament) in pencil (A3 format). 16. Determining the overall structure and scale of the element. 17. Rendering volume and tone in pencil. 18. Final rendering of the element by hatching in ink. 19. Generalizing the work and eliminating shortcomings. 20. Completing the assignment in full and grading. 21. Assignment 5. Drawing a perspective view of a building from life in pencil (A3 format). 22. Constructing the main volumes and perspective lines of the building. 23. Determining the details and proportions of the building. 24. Rendering light and shade and the texture of building materials in pencil. 25. Completing the assignment in full and grading. 26. Assignment 6. Executing a perspective view of an interior in pencil (A3 format). 27. Constructing the perspective of the interior. 28. Rendering light and shade and materials in the interior. 29. Finishing the interior drawing in ink or colored pencil. 30. Completing the assignment in full and grading. IV. Independent study and independent work. The independent study competence helps students develop independently and improve the effectiveness of their professional activity. Students carry out independent work on their own mobile devices, under the instructor's guidance, in traditional or electronic form. Recommended topics for independent study: **1.** Identifying types of pencils (hard and soft) and their depictive possibilities. **2.** Practicing various hatching techniques. (A4) **3.** Sketching geometric solids (cube, cylinder, cone, sphere) from different angles.

	4. Drawing a still life of everyday objects in pencil. **5.** Drawing plaster details (capital, rosette) in pencil. **6.** Studying and drawing the proportions of order elements (column, base, capital). **7.** Copying elements of national ornament (islimi, girih) in pencil. **8.** Doing exercises in tonal gradation using ink hatching and stippling. **9.** Drawing arches and domes in perspective. **10.** Sketching trees and plants in pencil. **11.** Drawing the human figure and vehicles (staffage), observing proportions. **12.** Making a sketch of one of the historical architectural monuments of Uzbekistan. **13.** Making a perspective sketch of a building facade. **14.** Doing studies of street and courtyard views from life. **15.** Making a perspective sketch of an interior. **16.** Hatching a building in ink, working in dot and line style. **17.** Depicting the sky and clouds in pencil and ink. **18.** Making a compositional drawing of a chosen architectural object.
Student assessment	The assessment of students' knowledge is based on indicators of how well they have mastered the course material during the semester and the final assessment (results of tests, assignments, and written and oral work). During the course Architectural Drawing, students are assessed on a 100-point scale. Of these, 50 points are allocated to the results of ongoing and midterm assessment (of the 50 points, 60% is ongoing assessment and independent study, and 40% is midterm assessment), and 50 points to the result of the final assessment. Students whose total result for ongoing and midterm points is below 30 are not admitted to the final assessment exam. A student who scores 30 or more points in the final assessment is considered to have mastered the course.
Exam requirements	The student must have fully mastered the theoretical and practical concepts on the subject and be able to reflect the results of analysis correctly. The student must have completed the assignments given in the ongoing and midterm forms of assessment, as well as the independent work. In addition, within the set time the student must have obtained the required points in the ongoing, midterm, independent study and final assessments for the relevant course. A student who has not submitted the ongoing assessment, midterm assessment and independent study assignments, or who has scored fewer than 30 points in these assignments and types of assessment, is not admitted to the final assessment. In addition, a student who has missed 25% or more of the classroom hours allocated to the course without a valid reason is removed from the course, is not admitted to the final exam, and is considered not to have earned the corresponding credits for the course. A student who fails the final exam or scores in the range “0–29.9” in these types of exams is considered to have an academic debt.
Recommended literature	**Main literature:** 1. Berdiev N.O. Architectural Pencil Drawing, Painting and Sculpture: textbook. – Tashkent: 2025. 2. Ubaydullaev Kh., Makhmudov V., Inogomov B. Architectural Graphics. Study guide. – Tashkent: 2022. 3. Roziqberdiev M.I. Architectural and Design Graphics. Study guide. Tashkent, 2019. **Additional literature** 4. Isakova M.B. Composition and Color in Interiors. Study guide. –

	Tashkent: 2018. 5. Ching, F. D. K. Architectural Graphics. 7th ed. Hoboken, NJ: Wiley, 2020. **Internet resources** 9.https://api.ziyonet.uz/uploads/books/634149/5b34935e78e94.pdf 10.20.208. URL:http://remont-faq.ru/steny/arki.html 10. www.forum.vm.ru, www.autodesk.com – websites https://fayllar.org/pdfview/4-chizma-geometriya-haqida-umumiy-malumotlar- auto-cad-dasturi-v2.html11. https://didattica.polito.it/pls/portal30/gap.pkg_guide.viewGap?p_cod_ins=01PRWWG&p_a_acc=2029&p_header=S&p_lang=IT&multi=N 11. https://ocw.mit.edu/courses/es-298-art-of-color-spring-2005/pages/syllabus/