Fan name	"Architectural Drawing, Graphics and Presentation" (ECTS 4)
Subject/module code	AChGP 1204
Science teachable semesters	2 semesters
Attached teacher	A. Zhanizakov and Assistant Professor M. Makhamatov
Education language	Uzbek
Science type	Mandatory
Study hours (including independent learning)	**Total hours - 120.** **Auditory training hours - 48.** Lecture session time -12 Practical study hours - 36 **Independent education -72 hour**
ECTS	4
Aims and objectives of science / learning outcomes	**The purpose of teaching science –** students will be introduced to creative thinking and its tools, as well as how to use them, in the subject "Architectural Drawing, Graphics and Presentation", which is planned to be taught in the second semester of the first year. The purpose of this subject is to develop in students the skills of finding creative solutions and developing strategies to overcome problems that can positively affect the work process and leadership skills. Understanding the content of the subject is important for aspects such as increasing students' personal thinking skills, assessing creative and critical thinking skills, and learning methods for studying thinking processes. The purpose of teaching the subject is to form knowledge, skills and competencies in students about architectural and graphic tools, methods and types of their implementation; to acquire professional and personal skills in using architectural graphics in the project, working with various imaging tools; Teaching students about architecture and graphic design materials, It is the acquisition of the ability to master and use artistic images. **The task of science** –study the theoretical and practical aspects of creative thinking, and explore what and how to stimulate creative thinking in students. Therefore, the lessons cover in detail the skills necessary for the use of observation, imagination, and abstraction. Understanding the process of forming views, using analogies, and accessing body thinking are taught in easy-to-use methods. Special attention is paid to ensuring that these concepts are combined in a way that is most suitable for use by all professions and different people.
Course content (topics)	**I. Home theoretical part (Lecture)** **Subject 1:** Architectural graphics. Structure of architectural graphics. **Subject 2:** Architectural graphics types about concept **Subject 3:** Computer graphics. **Subject 4:** Types and functional features of computer graphics. **Subject 5:** Presentation in preparation computer graphic programs . **Subject 6:** About PowerPoint general data . **II. Practical for training instructions and recommendations** The teacher's preparation for a practical session begins with studying the initial documents (curriculum, thematic plan, etc.) and ends with the development of a lesson plan. The teacher should have an idea of the goals and objectives of the practical session, the amount of work that each student must perform . Methodological guidelines are the teacher's main methodological document in preparing and conducting practical classes. The goal of practical training is to understand theory and acquire

	skills. Its conscious application in educational and professional activities consists in developing the ability to confidently formulate one's own point of view. **Recommended practical topics** : 1. Line and bar graphs. 2. Linear in graphics used first group equipment . 3. Linear in graphics used second group equipment . 4. Color and colorful graphics . 5. Tusli in graphics used first group equipment . 6. Tusli The second group of equipment used in graphics . 7. Triangle scalable 8. Learn to use watercolors. 9. Requirements for the quality of papers used in design. 10. Dreamy requirements for academic painting in the technique . 11. Orthogonal drawings . 12. Styles and "entourages" used in interior decoration, their types and graphic methods. 13. Dream about the surroundings or in pencil drawing methods . 14. Entourage in watercolor , colored expression in pencil and "pastels". 15. Entourage computer in the graphics expression to be 16. In the Power Point program of buttons tasks . 17. Presentation final review. 18. Slides in mode work **III. Independent study and independent work.** Independent learning competence serves to support students' independent self-development and increase the effectiveness of professional activities. Students perform independent work on their mobile devices under the guidance of a teacher in a traditional or electronic form. **Recommended topics for independent study:** 1. Line and linear graphics 2. Linear in graphics used first group equipment . 3. Linear in graphics used second group equipment . 4. Color and colorful graphics . 5. Tusli in graphics used first group equipment . 6. The second group of tools used in color graphics. 7. Triangle scales . 8. Learning to use watercolors. 9. In design used of papers to the quality to be placed requirements . 10. Dreamy in technology academic to paint to be placed requirements 11. Orthogonal drawings . 12. Styles and "entourages" used in interior decoration, their types and graphic methods 13. Dream about the surroundings or in pencil drawing methods . 14. Entourage in watercolor , colored in pencil and the expression " in pastels " to be 15. Representation of entourages in computer graphics.
Student assessment	Assessment of student knowledge is based on the mastery of teaching materials (tests, assignments, written and oral work results) during the semester and final examination. During the physics course, students are evaluated on a 100-point system. Of these, 50 points are allocated to the current and intermediate results (60% of the 50 points are current control, independent study and 40% intermediate control), and 50 points are allocated to the final control result. Students whose total score of current and intermediate points is less than 30 points are not admitted to the final control exam. A student

	who scores 30 or more points in the final control is considered to have mastered the subject.
Exam requirements	The student must have fully mastered the theoretical and practical concepts of the subject, be able to correctly reflect the results of the analysis. The student must have completed the tasks assigned in the independent work, current and intermediate forms of assessment. At the same time, he must have received the necessary points from the current, intermediate, independent education and final tests in the relevant subject within the specified time. A student who has not submitted current control, intermediate control, and independent learning assignments, as well as who has scored less than 30 points for these assignments and control type, will not be included in the final control type. Also, a student who misses 25 percent or more of the classroom hours allocated to a subject without an excuse will be expelled from that subject, will not be allowed to take the final exam, and will be considered to have not acquired the appropriate credits in that subject. A student who fails a final exam or scores between "0-29.9" on this type of exam is considered an academic delinquent.
Recommendation literature	**Main literature:** 1. Architecture and design graphics. MIRoziqberdiev. Textbook. Tashkent 2019.. 2. Ubaydullaev H.M., Abdurakhmanov YI, Hidayatov TA, “Architectural Graphics”. Textbook, 2000. 3. Gilmanova NV “Light and Color in Painting” Textbook. Tashkent: 2012. **Additional literature** 1. Nabiev, MM Color Science. – Tashkent: Teacher, 2001. 2. Ching, FDK Architectural Graphics. 7th ed. Hoboken, NJ: Wiley, 2020. 3. Ching, FDK Architectural Graphics. 7th ed. Hoboken, NJ: Wiley, 2020. 4. Ching, FDK Architectural Graphics. 7th ed. Hoboken, NJ: Wiley, 2020. **Internet resources** 1. https://api.ziyonet.uz/uploads/books/634149/5b34935e78e94.pdf www.forum.vm.ru, www.autodesk.com – websites 2 https://fayllar.org/pdfview/4-chizma-geometriya-haqida-umumiy-malomot- a uto-cad-program-v2.html 3. https://didattica.polito.it/pls/portal30/gap.pkg_guide.viewGap?p_cod_ins=01VQDWH&p_a_acc=2027&p_header=S&p_lang .