

YDI101 BASIC FOREIGN LANGUAGE (ENGLISH) (4 0 4)

To express themselves orally in a variety of situations, ask simple questions about a topic, to answer simple questions, introducing oneself, to express their ideas on simple issues, be able to pronounce, talk about everyday issues, needs, and interests associated with simple dialogues, tests and interpret tests of unknown investigate the meaning of words, information-enabled investigate enough words to use social networking, use the appropriate words in real life

YDA101 BASIC FOREIGN LANGUAGE (GERMAN) (4 0 4)

Introduce herself/himself- greeting- dating, Numbers, to be, Articles, question sentences, cities-states-languages, accusative-dative case, Home, finding the way - vehicles, fractional numbers - place-direction of modals- write postcards, jobs

YDF101 BASIC FOREIGN LANGUAGE (FRENCH) (4 0 4)

Exercises about to identify herself/himself. (Greetings, name, age, etc., and you can tell where you're from.) First reading-pronunciation-speech applications. Numbers and noun phrase in French. A simple arrangement of sentence elements. Day names. Time zones. Possessive suffixes

ATA101 ATATURK'S PRINCIPLES AND THE HISTORY OF HIS REFORMS I (2 0 2)

Reforms in Ottoman Empire during the break up due to political, economical, cultural and socio-psychological problems, political situations during the transition to nation state, how the state and society reorganized as a result of the national war of independence lead by Atatürk and as part of Turkish Revolution which is a radical transition of Turkish modernization, development in those years are reviewed in a way that they shed light to today's problems

TDI101 TURKISH LANGUAGE I (2 0 2)

Information about definition of language, relation between language, society and culture, categorization of language, place of Turkish among world languages, tonal attributes, tonal qualities, structural attributes, power of derivation, historical development of Turkish, writing and language revolution, techniques of reading, writing rules, expression errors, sentence and elements of sentence, subject and predicate relation, writings referenced in daily relations,

**KÜLTÜR VARLIKLARINI KORUMA VE ONARIMI
LİSANS PROGRAMI**

information about compositions, occupational writings, types of literatures and art of speaking are given.

BIT101 INFORMATION AND COMMUNICATION TECHNOLOGIES I (2 0 2)

Information about parts of a computer, input and output units, central processing unit, memories, operating system, commands of the operating system, file and folder concepts, general look to programming languages, BASIC programming language, commands, functions and sub-programs

UYM101 ORIENTATION PROGRAMME FOR THE UNIVERSITY LIFE (0 0 0)

Intendet to ensure compliance with university life.

KVK101 CONCEPTS AND PRINCIPLES OF CONSERVATION AND RESTORATION (3 0 3)

Concepts, terms and basic principles that constitute the theory of conservation; short history of conservation and restoration; fields that of scientific conservation and restoration are executed, responsibilities of the executer and ethics that they must obey; basic information about methods of archaeological conservation that are required to be applied in the field, conservation planning in excavation setting, rules and usage of the laboratory.

KVK103 CULTURAL ASSESTS OF THE FIRST AGE (3 0 3)

Determine of archaeology, its historical extent, sub disciplines and basic techniques, basic archaeological terminology and its concepts, archaeological remains found at Anatolia and Near East from the first settlements to the end of the Bronze Age, the general characteristics of the Anatolian civilizations (Hattians, Hittites and Myceneans etc.), the material culture belongs to this period.

KVK105 COLOR (2 0 2)

Colors in weaving and knitting fabrics, their meanings, their harmony, their attributes, their measurements, fastness performances, fabric errors due to dyes and printing

KVK107 INTRODUCTION CHEMISTRY OF CONSERVATION (2 0 2)

Matter, atom, element, molecule and compound, mixtures-solutions, basic definitions and concepts. Brief history and scope of chemistry. Measurement, calculation and unit systems. Mole, finding the chemical formulas, balancing reaction equations, calculations based on chemical reactions. Types of matter, gas phase and the ideal gas law, kinetic theory of gases; liquid phase, boiling point; solid phase, amorphous and crystalline. Identification and mathematical modeling. Acids and bases, acid-base definitions, acid-base reactions, force of acids. Radioactivity, radioactive decays. Chemical equilibrium, laws of thermodynamic, interpretation of reactions.

KVK113 CERAMIC (0 4 2)

Definition of ceramic and ceramic history, information about ceramic production techniques and methods, information about wick method and techniques, information about the steps of wick technique, information about the steps of platetechnique, information about the steps of relief technique, information about the steps of ceramic sculpture technique

KVK115 SCULPTURE (0 4 2)

Techniques, materials and methods of sculpture, Information about preparation of basic structures, examining of the images of antique greek sculpture, examining of the images of antique roman sculpture, examining of the images of baroque sculpture, bust techniques, methods and materials knowledge, examining on the images of ancient roman and renaissance busts, sculpture from live model techniques methods and materials knowledge, examining on images of the bust studies of various artists

KVK117 GRAPHIC DESIGN (0 4 2)

History of Graphic design basic elements of graphic design, problems faced in graphic design and suggestion of solution, fonts used in graphic design, principles of composition on graphic design, computer graphics, symbols, diagrams, business card design, newspaper design, generating portfolio

YDI102 BASIC FOREIGN LANGUAGE (ENGLISH) (4 0 4)

In many cases, expresses themselves orally by using basic English. Follows the oral instructions. Asks simple questions about the subject. Responds to simple questions. Introduces himself and his friends. Expresses his thoughts and ideas in simple sentences. Uses proper pronunciation. Talks about daily routines. Comments on texts/dialogues related to their basic needs and interest. Explores the meaning of unknown words in texts. Estimates the meaning of unknown words in texts. Asks simple questions about texts. Searches for specific information in texts. Uses sufficient vocabulary for social interactions. Uses words appropriately in daily life. Recognizes the spoken language used in daily life. Responds to oral instructions. Determines the main idea of the speech. Distinguishes specific information. Express themselves in written English. writes short descriptive paragraphs. Creates post cards, phone numbers and informal letters. Uses the shapes, meaning and functions of basic structures in oral and written expression. Uses the basic structures in written English.

YDA102 BASIC FOREIGN LANGUAGE (GERMAN) (4 0 4)

Past tense, Comparatives, Shopping, accusative case, dative case, clothes, weather, parts of the body, imperatives, pronouns, Verb of the “dürfen”, Because.

YDF102 BASIC FOREIGN LANGUAGE (FRENCH) (4 0 4)

Read / pronunciation / speech applications. Futur proche/Passé récent. Pronoms personnels. Speaking practice. Pronoms démonstratifs simples (celui, celle, etc.) Comparaisons simples. Passé composé.

ATA102 HISTORY OF ATATÜRK’S PRINCIPLES AND REFORMS I-II (2 0 2)

Which is the foundation of the State of New Turkish origin and history of revolutions, the Republican Regime fit on studies, internal and external policies of Mustafa Kemal Atatürk, Turkey, the transfer of single-party rule, the political transition to multi-party testing and results; Geopolitics and Turkey's geopolitical Status of the University for the youth of the threat of psychological movement, definition and importance of Kemalism, "Kemalist Thought System" and the formation of the basic properties of ideas and the life of Atatürk Atatürk and the economy, secularism and religion.

TDI102 TURKISH LANGUAGE II (2 0 2)

Turkish accent and emphasis on the varieties of emphasis, of course, the emphasis; Verbs (simple and compound time); Verb roots Additional verbs; Communication writings, letters

and varieties; application, curriculum vitae, word, noun and verb roots, Attachments, affixes and varieties, suffixes and varieties; Structures, yüklemelerine, the kinds of sentences according to their formation and meaning; Review.

KVK102 ETHICS AND REGULATIONS OF CONSERVATION (2 0 2)

History of conservation of cultural heritage, international principles, modern approaches to restoration and conservation, international and local regulations, legislations, ethics and principles as well as müzeler iç hizmet yönetmeliği are covered throughout the semester.

KVK104 ANATOLIA AT THE ANTIQUE ERA (2 0 2)

Basic terminology and concepts of Classical Archaeology, archaeological remains from the end of the Bronze Age to the end of the Roman Empire, the basic characteristics of the civilizations flourish Anatolia and Aegean at Classical Era (Urartian, Phrygian, Lydian, Ancient Greek and Roman), Ancient Cities at Anatolia and the material culture of Classical Era.

KVK106 FIBER TECHNOLOGY (1 2 2)

Classification of plant fibers, physical properties, chemical properties, optical properties, areas of use of cotton, linen, hemp, jute, ramie, sisal fibers, Classification of animal fibers, physical properties, chemical properties, optical properties, areas of use of wool, mohair, camel wool, rabbit and silk fibers, Classification of chemical fibers, physical properties, chemical properties, optical properties, areas of use of regenerated fibers (originating from animals and plants) and synthetic fibers (polyamid, polyacrylonitrile, polyester fibers)

KVK108 CHEMISTRY OF CONSERVATION AND LABORATORIAL PRACTICALS (1 2 2)

Periodic system, elements in the periodic table and their occurrence in nature and usage areas. Metallurgy. Glasses, ceramics and amorphous materials and the effects of chemical reagents on such materials. Solutions, the concentration units, solution preparation and calculations. Structure of the dye, information about light, light absorption, natural dyes. Basic concept of chemistry of polymers, polymerization and classification of polymers, structure and properties of polymers. Environmental chemistry, the effects of environmental pollution by industrial and polymer wastes.

KVK110 TECHNICAL DRAWING (1 2 2)

Giving the definition of technical drawing, the scope of the course, the basic materials and the rules, practicing the writing techniques. The course consists of the following practical and

theoretical subjects: Drawing both straight and curved paralleled lines with the help of triangle. Drawing paralleled lines with pair of compasses. Drawing perpendiculars, finding the central point by using triangle and compass. Drawing a polygon into a circle which it's radius is known. Dividing the line into equal parts. Drawing a polygon which has been giving the length of one edge. Taking a projection plane and a projection. Drawing projection of an object which it's projection is known. Drawing a perspective of an object, verities of perspectives. Drawing crosscut. Definition of the scale. Making drawings with big and small scale.

KVK112 PAINTING (0 4 2)

Composition types, composition elements, composition principles. knowledge of charcoal medium and technique. examples from the history of art, form and mass studies with single color medium. internal form external form. medium and technical knowledge: sanguine. examples from the history of art, balance of light-dark in composition. form and volume studies with wet medium. medium and technical knowledge: Indian Ink. examples from the history of art, color theory; value of color' tone, value of color' chroma. medium and technical knowledge ; crayola. examples from the history of art, color theory; value of color' tone, value of color' chroma. medium and technical knowledge ; soft pastel. examples from the history of art.

KVK114 CERAMIC (0 4 2)

Definition of ceramic and ceramic history, information about ceramic production techniques and methods, information about wick method and techniques, information about the steps of wick technique, information about the steps of plate technique, information about the steps of relief technique, information about the steps of ceramic sculpture technique

KVK116 SCULPTURE (0 4 2)

Techniques, materials and methods of sculpture, Information about preparation of basic structures, examining of the images of antique greek sculpture, examining of the images of antique roman sculpture, examining of the images of baroque sculpture, bust techniques, methods and materials knowledge, examining on the images of ancient roman and renaissance busts, sculpture from live model techniques methods and materials knowledge, examining on images of the bust studies of various artists

KVK118 GRAPHIC DESIGN (0 4 2)

History of Graphic design basic elements of graphic design, problems faced in graphic design and suggestion of solution, fonts used in graphic design, principles of composition on graphic design, computer graphics, symbols, diagrams, business card design, newspaper design, generating portfolio

YDI201 BASIC FOREIGN LANGUAGE (ENGLISH) (4 0 4)

Studies in English grammar, vocabulary, reading comprehension, oral expression and writing skills intended for occupational needs after the graduate.

YDA201 BASIC FOREIGN LANGUAGE (GERMAN) (4 0 4)

Verb of the "sollen", travel planning, reflexive verb, talking about the hobbies, Präpositionl reflexive verbs, media tools, Ob" phrases-" w" question sentences", Leisure activities and hobbies, relative clauses, accusative and dative personal pronouns

YDF201 BASIC FOREIGN LANGUAGE (FRENCH) (4 0 4)

Verbs (imperative). Pronoms démonstratifs composés (celui-ci, celle-là, etc.) Compound pronouns. Sentence applications. Pronoms relatifs simples / Relative pronouns (qui, que) Sentence applications. I relatifs pronoun simples / Relative pronouns (dont, où) Sentence applications. Le Monde and Le Figaro translation of the news. Read / pronunciation / speech applications. French Film (Notre-Dame de Paris).

BİT201 INFORMATION AND COMMUNICATION TECHNOLOGIES II (2 0 2)

Advanced Word Processing, Advanced Spreadsheets, Advanced Presentation Techniques, Advanced Database

KVK201 MATERIALS OF STONE AND ITS DETERIORATIONS (3 0 3)

Formation and characteristics of the rocks and stones species, stone processing and workmanship; quarry and transport, masonry, tools used in stonework and traces on the stones, types of deterioration of stones; physical deterioration factors, chemical deterioration factors and biodeterioration factors, methods of recognition of deterioration stones and detection of conservation situation, documentation, inventory methods and report.

KVK203 THE MATERIALS OF CERAMICS AND THEIR DETERIORATIONS (3 0 3)

Definition of ceramics, its history and production process; raw materials of ceramic and its chemical/physical properties; classification of ceramic objects and description methods;

deterioration occurred at ceramic materials and causes of them; the methods of determine and document of deterioration; the methods of documentation of ceramics.

KVK205 CONSERVATION ON ARCHAEOLOGICAL FIELD (2 0 2)

Definition archaeological conservation, its sub divisions, kind of archaeological excavations, conservation planning for archaeological excavations, conservation methods and materials for movable and immovable archaeological finds; in situ conservation of archaeological remains;; responsibilities of a field conservator; interventive and preventive conservation approaches at archaeological excavations.

KVK207 RUG WEAVING TECHNIQUES (2 2 3)

History, classification of carpets, knots in carpets, carpet loom, sections of carpet surface, carpet weaving techniques, patterning, warp calculation and preparation, applying to loom, weaving process, points to consider during weaving, carpet errors, removing from loom carpet business regions in Turkey and properties of produced carpets, hand weaving, problems of carpet business, and final processes.

KVK209 DYES AND COLORANT CHEMISTRY (2 0 2)

Production and consumption of colorants, colors and color theories, relationship between colors of objects and chemical structures of objects, classification of textile colorants according to their chemical structures and solubility properties, alkaline, direct, metal (mordant) and complex metal, cube, reactive, sulfur, dispersion, pigment colorants and their general specifications, obtaining organic colorants, (beginning, intermediary and obtaining colorant). Obtaining nitrobenzene from benzene and obtaining sulfanilic acid from aniline and sulfuric acid, nitration, reduction and sulfonation reactions, azo colorants.

KVK211 DOCUMENTATION METHODS (0 4 2)

The basic materials and the rules of drawing objects. Drawing objects (Copper and its alloys; iron and steel; lead, pewter and tin; gold and silver; glass; stone; ceramic objects; organic materials: Bone, ivory, horn and antler; wood; leather, textiles). Combinations of materials, inlays, coatings and colours. The illustration of ceramic vessels: Standard conventions and the drawing process; reconstruction; handles, handle sections, spouts and lips; body sections; characterisation and shading; methods of depicting, decoration and deteriorations. Computer echnology for conservation and documentation.

KVK213 MATHEMATICS (2 0 2)

The nature of mathematics, problem solving mathematical pattern discovery, problem solving process, sets and set types, combination process and the properties of sets of combination transaction, cluster problems, basic counting systems, the number of positive addition, subtraction,multiplication and division, integers addition, subtraction, multiplication and division, divisibility, prime numbers and can be divided, greatest common divisor and the least common multiplier, time and modular arithmetic, set of rational numbers, rational numbers and removing the collection, rational numbers multiplication, division,taking over and decimal expansions the real numbers

KVK215 ANCIENT PAINTINGS (2 0 2)

Prehistoric Paintings, Ancient Egyptian Paintings, Mesopotamian Paintings, Hittite Paintings, Minoan and Mycenaean Paintings, Urartian Paintings, Phrygian Paintings, Ancient Greek and Roman Paintings.

KVK217 ANCIENT SCULPTURE (2 0 2)

Materials and techniques in antiquity sculpture, Ancient Egyptian Sculpture, Anatolian Bronze Age Sculpture, Hittite Sculpture, Anatolian Iron Age Sculpture, Ancient Greek and Roman Sculpture.

KVK219 HISTORY OF ARCHITECTURE (2 0 2)

Paleolithic and Neolithic Age, early architectural examples, Egyptian Architecture, Mesopotamian Architecture, Bronze Age Anatolian Architecture, Hittite Architecture, Urartu Architecture, Phrygian Architecture, Ancient Greek and Roman Architecture, Byzantine Architecture, Seljuk and Ottoman Architecture, Medieval European Architecture.

KVK221 CULTURAL VALUES AND GEOGRAPHICAL INDICATION (2 0 2)

Definition of geographical indication, applications of geographical indication in the world and Turkey, benefit of geographical indicating, cultural and rural tourism, cultural value, local product/souvenir, identity card/label,handling.

KVK223 ANCIENT TECHNOLOGY (2 0 2)

Archaeological and texts-documents sources, the rise of humans and human technology, sources of energy and basic mechanical devices, agriculture, food processing, mining and

quarrying, metallurgy, construction engineering, household craft and workshop production, transport and trade, military technology.

KVK225 ART HISTORY (2 0 2)

In this course the action scope, the definition and the main notions of art history in Turkey and World will be handled. This course involves the art movements and perceptions of occidental from Byzantium to 1950's.

KVK227 AESTHETICS (2 0 2)

Information about concept of aesthetics and methods, historical development of aesthetics, aesthetic theories, concepts such as sense of beauty and aesthetics, art and aesthetics, function of art, uniqueness, usefulness

YDİ202 BASIC FOREIGN LANGUAGE (ENGLISH) (4 0 4)

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YDA202 BASIC FOREIGN LANGUAGE (GERMAN) (4 0 4)

If clauses, Tenses (Present, Past, Past Perfect), Modals, However, Despite, Prepositions, Passive Clauses, Before, So

YDF202 BASIC FOREIGN LANGUAGE (FRENCH) (4 0 4)

Pronoms relatifs composés / Relative pronouns (duquel, de qui, etc.). Verbs. Forme passive (present tense, past tense, future tense). Sentence applications. French-Turkish translation applications. French Film (Les Misérables). Read / pronunciation / speech applications.

KVK202 BASIC TREATMENTS ON CONSERVATION AND RESTORATION OF STONE (2 2 3)

Methods and materials used in the conservation and restoration of stone objects; basic approaches and ethics about cleaning of stone, cleaning methods, cleaning of black dirt layer, calcareous and calcareous layer, rust stains and copper salts, cleaning stains of organic matter, cleaning of painted and destroyed surfaces, removal of soluble salts from the body of stone, cleaning of bio-organisms and disinfection of microorganisms, consolidation and application methods for consolidation, and practice.

KVK204 BASIC TREATMENTS ON CONSERVATION AND RESTORATION OF CERAMICS (2 2 3)

The methods of analyze and documenting before treatment; identification of deteriorations and general methods of ceramic conservation; classification and sorting methods of ceramic shards, the methods and practice of cleaning, consolidation and integration using for ceramic materials, the materials using for treatment at ceramics and methods, the methods and practice of documentation for ceramics after treatment.

KVK 206 RETOUCHING TECHNIQUES (2 2 3)

Materials used for coloring and retouching are explained. Some topics and practicals include creation of primary, secondary and earth colors by mixing several dye types, creation of secondary and tertiary colors from primary colors, drawing consecutive lines with wide and narrow gaps to help use of Tratteggio Technique, pointing filling of black and white patterns to help use of Puntino Technique, using the Tratteggio/Rigatino, Puntino, Neutral Techniques and their sub-techniques with different paddings needed for different types of objects.

KVK208 CONSERVATION AND RESTORATION OF RUG (2 2 3)

Preventative preservation of carpets, damage assessment prior to repair, size determination, determination of raw materials of warp, woof and knot threads, analysis of thread colorants, knot type, knot density in 10 cm, warp and woof density unit number, pattern properties in carpets, display, storage, transportation of carpets, used tools and conditions of workspace, example studies about carpets, methods of removing carpet defects, repair processes

KVK210 OCCUPATIONAL SAFETY AND HEALTH (2 0 2)

In this course, the notion of occupational safety, the definition and the reasons of occupational accidents and the ways of industrial accident prevention will be taught. The danger of restoration laboratories, the excavation area, scaffolding and rules of occupational safety will

be handled. Also the usage rules of these chemicals, the effects of them on human health, the remove of the chemical wastes and intoxication will be discussed. The precautions of machinery and vehicle ect, protective measures, industrial accident preventions, work accidents and their classifications. Danger and the types of danger in work will be evaluated. In addition, this course includes the rules and the things must do while an accident happen, security signs and emergency.

KVK212 SUMMER TRAINING I (0 0 0)

Determines the preservation state of objects and their need for conservation to take necessary actions and to apply treatments

KVK214 ARCHIVE MATERIALS AND THEIR DETERIORATIONS (2 0 2)

Archival materials such as paper, leather, parchment, engraving, book, cardboard etc. ; the definition of auxiliary materials such as ink and paint dye, production techniques, physical and chemical properties, causes of deterioration (physical, chemical and biological deteriorations), diagnosis methods for the degree of deterioration and preventive conservation methods will be also introduced during the course.

KVK216 BOOK ARTS (2 0 2)

This course includes; definitions of Classical Turkish art of books such as binding, calligraphy, miniature, illumination, marbeling; their properties, materials and techniques, style and artist features, evaluated and provide a theoretical understanding.

KVK218 THE ART OF ANCIENT POTTERY (2 0 2)

Technological and artistic development of pottery making from Neolithic to the end of the Roman Period, pottery decoration techniques and regional differences, decorated pottery styles occurred at Anatolia and Aegean Regions (Neolithic and Bronze Age Anatolian Pottery, Geometric Greek Pottery, Attic and Corinthian Pottery, East Greek Pottery)

KVK220 MATERIALS ANALYSIS METHODS (2 0 2)

Basic concepts of the analysis methods. Classification and identification of spectroscopy. Spectrum and beam-matter interaction and overview spectral methods. Atomic spectroscopy, atomic absorption spectroscopy (AAS) and atomic emission spectroscopy (AES). Molecular spectroscopy. Ultraviolet-visible field spectroscopy, bases, benefits, areas of use. Molecular Fluorescence spectroscopy, infrared (IR) spectroscopy, bases, benefits, areas of use. Nuclear magnetic resonance spectroscopy (NMR), X-ray spectroscopic methods; X-ray fluorescence spectroscopy (XRF). Introduction to chromatographic methods and classification. High pressure liquid chromatography (HPLC), gas chromatography (GC) benefits, areas of use.

KVK222 BASKETRY (2 0 2)

Definition of basketry, raw materials used, properties of raw materials, raw material preparation techniques, knitting techniques, production and fields of use

KVK224 TURKISH ISLAMIC ARTS (2 0 2)

Definition and importance of art, art and aesthetics in Islam, Islam's opinion about portray, ancient civilization, cities, historical monuments, archaeology, the nature and character of Islamic Art, factors that affect the development of Islamic Art, the importance of art historical research, the character of the architecture of the Emevi era, the character of the architecture of the Abbasid era, mosques and madrasas of the Seljuk era, architecture of the Beylikler era, classical period of Ottoman, late period of Ottoman.

KVK226 ANCIENT MOSAICS (2 0 2)

Archaeological and texts-documents sources, materials and techniques, Mosaics in Mezopotamia, Anatolian Iron Age Mosaics, Ancient Greek and Roman Mosaics, Medieval Mosaics in Anatolia.

KVK301 ADVANCED TREATMENTS ON CONSERVATION AND RESTORATION OF STONE (2 2 3)

General approaches and ethics about conservation and restoration of stone, joining and gap filling techniques, methods of carrying, lifting and transportation of stone artifacts, exhibition in the museums, preparation conservation and restoration report of stone artifacts, and practice.

KVK303 ADVANCED TREATMENTS ON CONSERVATION AND RESTORATION OF CERAMICS (2 2 3)

The conservation and restoration methods using for unfired and grand size ceramic objects; replacement of lost parts of ceramic objects, the ethics and criteria for completing ceramics, the materials using for completing process and their chemical/physical properties, casting materials using at completing, the methods for completing ceramics and completing practice, retouching and painting methods and practice, documentation methods using for completing treatments of ceramics.

KVK305 MATERIALS OF METALS AND THEIR DETERIORATIONS (1 2 2)

Brief history of metals in Ancient Anatolia. Metallurgy in ancient times. Physical and chemical properties of metals, mining of metals, production procedures of metals (beating shaping, casting technique, metal decoration techniques). Uses the metal in ancient times and objects made of different kinds of metals. Properties of metal (iron, copper, tin, lead, silver

and gold) objects. Alloys, alloy properties for different metals. Deterioration process at metals; corrosion chemistry and chemical factors causing corrosion of metals; diagnosis and documentation of metal corrosion, and practice.

KVK307 FLAT WEAVING TECHNIQUES (1 2 2)

Classification of flat weaving, techniques of weaving, loom, patterning, warp calculation and preparation, applying to loom, process of weaving, problems of flat weaving, flat weaving errors, finishing processes

KVK309 DRESS AND ITS DETERIORATIONS (2 0 2)

Historic development of clothing, ready-made clothing, factors affecting clothing, noteworthy factors on purchasing clothing, color harmony in clothing, accessories for clothing, clothing types, clothing preparation stages (fabric selection, template preparation, sewing and finishing processes), clothing for men, women and children, cleaning operations on clothing

KVK311 MUSEOLOGY (2 0 2)

Concept of museums, functions and the types of museums, museum samples in Turkey and around the world, regulations in museology, museum administration/ management and marketing, illicit trafficking of cultural and natural property, historical development of exhibition design, samples of exhibitions designs in Turkey and around the World, museum visits and educational practices in the museums.

KVK313 PHOTOGRAPHY (2 0 2)

Information about definition of photography, areas of use, historical development, large, medium, small cameras, objective systems, diaphragm system, auxiliary tools such as flashes and filters, shooting techniques, diaphragm settings, choosing light, framing - composition, definition settings, dark room information, film washing and drying, printing, archiving in photography are given.

KVK315 FABRIC STRUCTURE AND ITS DETERIORATIONS (3 0 3)

Definitions of textile, fabric, weaving, knitting, nonwoven; looms and weaving accessories, properties of thread and weavings, making the warp, threading the shafts and reed, preparing the loom for weaving, weaving, finishing, pattern weaving, analyses of weaving, determination of deformation on thread, pattern.

KVK317 ARCHIVE MATERIALS CONSERVATION AND RESTORATION (2 2 3)

This course includes; deterioration and their degree of document, engraving and photographs, documentation methods (photography, drawing, forms), cleaning, (mechanical and chemical

cleaning methods), spot tests, bleaching, washing, deacidification, consolidation with methods and materials used at conservation and restoration, and their practice.

KVK319 NATURAL DYEING (2 2 3)

Concepts of dye and colorant, color and perception information, colorants and properties of colorants, dyeing methods using vegetable dyes, mordant, significant dye vegetables (madder, walnut, buckthorn, quince, apple, onion etc.), fastness concepts in dyes are given and dye catalogues are prepared

KVK321 PREVENTIVE CONSERVATION FOR NATURAL HISTORY COLLECTIONS (2 2 3)

Explanation of natural history museum collections. Characteristics of organic and inorganic objects, reasons for their deterioration and methods of preventive conservation.

KVK323 TABLET WEAVING (2 2 3)

Definition of tablet weaving and fields of use, tablet types, patterning in tablet weaving

KVK302 MATERIALS OF MOSAIC AND ITS DETERIORATIONS (2 2 3)

Technology of mosaic production, types of mosaic, art and history of mosaic, introduction of materials used for mosaic production, deteriorations seen at mosaics and types and reasons of damages with methods and materials used at conservation and restoration, and practice.

KVK306 BASIC TREATMENTS ON CONSERVATION AND RESTORATION OF METALS (2 2 3)

First aid procedures for metal artifacts have suffered deterioration, stabilization methods; cleaning methods (mechanical and chemical cleaning methods). Preventive interventions to be made in the laboratory of excavation. Methods and materials used in the conservation and restoration of archaeological metal objects; cleaning, de-salting-stabilization of the ancient iron and bronze objects, and practise.

KVK308 CONSERVATION AND RESTORATION OF FLAT WEAVING (2 2 3)

Recording, fiber identification, testing for colour fastness, fixing colours, taking pattern, chemical and their uses (enzymes, solvents), cleaning, support and consolidation(stitching, adhesives, water soluble glues), finishing, display, storage and transformation, equipment and workroom, case studies about flat weaving (kilim, zili, cicim, sumak)

KVK310 CONSERVATION AND RESTORATION OF CLOTHING (2 2 3)

Preventative preservation, preparation of identification card, determination of deformations of clothing (fabric/sewing technique/ornaments technique), determination of color and thread, tools and equipment used in clothing repair, repair processes, clothing display

KVK 312 SUMMER TRAINING II (0 0 0)

Determines the preservation state of objects and their need for conservation to take necessary actions and to apply treatments

KVK314 SILK TECHNOLOGY (2 2 3)

Sericulture, silk extraction from cocoon, thread making processes, physical and chemical properties of silk, traditional and industrial fields of use of silk

KVK316 EMBROIDERY TECHNIQUES ((2 2 3)

Definition of processing and historic development of processing, tools equipment and aids used in processing, processing techniques (antique application astrakhan work, bead work, surface, zigzag embroidery, cross needle, Chinese needle, etc.), patterns used in processing, application of techniques, modern fields of applications of processing, processed products in museums.

KVK318 BOOK AND MANUSCRIPT CONSERVATION AND RESTORATION (2 2 3)

This course includes; general characteristics of books and manuscripts, materials and methods of cleaning, adhesives and filling, documentation, disassembly, restoration-conservation methods of leather (cleaning, consolidation, thinning), restoration of binding and practices.

KVK320 PRESENTATION TECHNIQUE (2 2 3)

Conference presentation techniques are studied with results of a research or a project verbally visually and aesthetically using computers with presentation tools such as poster, PowerPoint ve benzeri sunum araçlarının kullanımı

KVK401 LEATHER MATERIAL AND ITS DETERIORATIONS (3 0 3)

Types of leather, fur, leather softening, washing, tanning, oiling, drying, stretching, damages in leather, quality control in leather

KVK403 MOSAIC CONSERVATION AND RESTORATION (2 2 3)

Reasons hindering in situ conservation of mosaic; documentation and preparing of mosaic required conservation by lifting; methods and materials of lifting; preparing new support system for lifted mosaics; exhibition of lifted mosaics; restoration of mosaics and practice.

KVK405 ADVANCED TREATMENT ON CONSERVATION AND RESTORATION OF METAL (2 2 3)

The stabilization, consolidation and cleaning methods of archaeological and ethnographic copper, copper alloy, silver, gold and lead artifacts. Adhesive materials and methods of the broken pieces of metal artifacts. The metal artifacts completion methods and materials. Creating artificial patina. Materials and methods of exhibit and storage in the museum.

KVK407 MATERIALS OF WALL PAINTINGS AND THEIR DETERIORATION (2 2 3)

Definitions and concepts related to wall paintings, materials, methods and painting techniques employed in the production process, causes and types of deterioration (physical, chemical, biological deteriorations). Diagnosis and documentation of paintings' condition and practice.

KVK409 SCIENTIFIC RESEARCH METHODS (2 0 2)

Methods of choosing the topic, setting content limitations, gathering the relevant information, appropriate recording, filing, categorisation and analysing of the information to develop a scientific text. Also rules of format to write scientific texts are covered.

KVK 411 SEMINAR (0 2 1)

Process of research (problem, literature review, hypothesis, data collection, data collection techniques, preparation of research plan) research plan implementation, report writing, report presentation

KVK413 MATERIALS OF OIL PAINTING AND THEIR DETERIORATION (2 2 3)

History of art of oil painting and conservation/restoration, layers of the work, characteristics of ingredients and agents forming the layers, their deterioration and environmental effects. The lectures are supported by practical sessions. Using analysis to determine deterioration, developing conservation/restoration strategies based on the results, using several methods such as drawing and photograph to document the deterioration form a deterioration status report.

KVK415 CHINA AND PORCELAIN CONSERVATION AND RESTORATION (2 2 3)

Definition, history and making process of tiles and porcelain, the raw materials and their chemical/physical properties of porcelain, the deteriorations occurred on tiles and porcelains and causes, the methods and practice of cleaning, consolidation and integration using for tiles and porcelains, the methods and practice of documentation for porcelains and tiles after treatment.

KVK417 EARTH CONSTRUCTION AND BRICKS CONSERVATION AND RESTORATION (2 2 3)

History of earth constructions, fundamentals of soil science, construction and production methods, destructive processes in earth construction, biodeterioration, disaster-resistant construction, principles of soil stabilization, characteristics of soil stabilizers, the diagnostic survey and repair of earth buildings. Brickmakers, bricks and brickwork, historic brick, behaviour of fired clay materials, destructive processes in brickwork, biodeterioration, protection, consolidation and repair.

KVK419 RURAL TOURISM (2 0 2)

The terms of rural tourism, diversity of rural tourism, factors of tourism, local products, role of local products in rural tourism, importance of rural tourism in rural development, case studies

KVK421 MYTOLOGY (2 0 2)

Definition of myth and mythology, resources and species. Mythology of Paleolithic Age, Sumerian Mythology, Akadian and Babilian Mythology, Hittite Mythology, Urartian Mythology, Phrygian Mythology, Greek and Roman Mythology.

KVK423 TRADITIONAL CRAFTS (2 0 2)

Concepts of Traditional art and craft; classification by raw material of traditional arts; crafts which are used fiber, wood, soil, stone, metal, leather/animal waste, small branches/stems/tree trunk strips; traditional arts, reasons for decline and disappearance of traditional arts, recommendations on development of the crafts, organizations dealing with the crafts

KVK425 BASIC KNITTING TECHNIQUES (2 0 2)

Definition of weaving, weaving preparation processes, weaving braids, patterning in woven fabrics, woven fabric structures, analyses, types and properties are given.

KVK402 CONSERVATION AND RESTORATION OF LEATHER (2 2 3)

The mechanisms of deterioration in leathers, conservation techniques, tools used conservation of leather, general principle of care, storage and display, materials and techniques past and future, collagen materials, case studies

KVK404 PREVENTIVE CONSERVATION IN MUSEUM (2 2 3)

This course includes; preservation of archaeological and ethnographical collections in museums; conservation planning for a museum; preventive conservation in storage and museum displays; condition survey of museum collections; environmental control in museums; disaster management in museums.

KVK406 WOODEN MATERIAL AND DETERIORATION (3 0 3)

Structure properties of wood, diversity and properties of wood, their uses areas, types of wooden, tools and other equipment, basic cut technique, finishing technique, decoration process, biological and climate deterioration

KVK408 WALL PAINTING CONSERVATION AND RESTORATION (2 2 3)

The course deals both with in situ conservation of wall paintings, the elimination of problems related to the structural weakening of the architectural elements; in situ cleaning, consolidation and stabilization methods; and the lifting of wall paintings that cannot be conserved in situ, their fixation on a new support and preparation phases for display and storage in a museum.

KVK410 VOCATIONAL PRACTICE (0 4 2)

Applications about conservation and restoration of archaeological and ethnographic cultural assests in lab. and workplace

KVK498 GRADUATION THESIS (0 2 1)

In a given thesis topic about the works of the department, research and analysis is conducted by every license student with advisory by a faculty member and it is presented as a thesis

KVK412 MOULDING METHODS, COPY AND MULAGE (2 2 3)

Legislation, and ethics about mold-making, copy and mulage, conservation, restoration and exhibition importance in care of mold-making, mold-making materials and their properties: mold-making with plaster methods, clay methods, silicone methods, latex methods and practices. Copy and casting (imitation) materials and properties: removing the plaster mold copy (imitation - casting) methods, clay mold copy (imitation - casting) methods, silicone

mold copy (imitation - casting) methods, and removing latex mold copy (imitation - casting) methods and practices. Mulage materials and their properties: mulage removing and practices.

KVK414 OIL PAINTING CONSERVATION AND RESTORATION (2 2 3)

Practicals on techniques of support consolidation, relining, paint layer consolidation, removing of the varnish layer, cleaning of paint layer, filling and retouching of lacuna, final varnishing. Finalising the report of restored piece. Techniques of preventive conservation for oil paintings are explained.

KVK416 CONSERVATION AND RESTORATION OF FABRIC (2 2 3)

Recording, fiber and color identification, taking a pattern, chemicals and their uses, cleaning, support, finishing, display, storage and transportation, equipment and the workroom

KVK418 PRINTING TECHNIQUES (2 2 3)

Properties of patterns which will be applied to textile products using printing methods, pattern preparing, matching and color differentiation techniques without change are taught

KVK420 GLASS DETERIORATIONS AND CONSERVATION-RESTORATIONS (2 2 3)

Raw materials of glass, chemical/physical properties of raw material, production technology of glass objects, glass object species, deteriorations occurred at glass and causes, cleaning and consolidation methods for glass objects, integration and completion glass objects and materials for treatment, retouching methods for glass, documentation methods for glass treatment, preventive conservation methods for glass objects.