I. Semester

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
ATİ101	Atatürk's Principles and Revolution History-I	2	0	0	2	2	2	Compulsory

Concepts and Ottoman modernization. European developments, Industrial Revolution and French Revolution. New Ottomans, Constitutional Monarchy and Union and Progress Society. II. Constitutional Monarchy Period, Tripoli and Balkan Wars. Causes of World War I. World War I: Sharing the Ottoman Empire. National Struggle preparatory period. Congress. Sivas Congress, the last Ottoman Parliament and the National Pact. TBMM Period: Formation of fronts. Treaty of Lausanne.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST101	Vocational Drawing-I	1	2	0	4	2	3	Compulsory

Definition of technical drawing, presentation of tools and materials, explanation of the image paper measurements. Presentation of letters, teaching letter format features. Geometric drawings. Polygon drawings. Oval, ellipse, spiral drawings. Scale definition, definition of projection and types of projection. Dimensioning, identification of cross sections scanning lines. Description of profile drawings, half circle, explanation of depressed profile drawings. Projection of Solids. Architectural drawing applications.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST103	Preservation Concepts	2	0	0	2	2	2	Compulsory

Purposes of Conservation, Historical Development. Values to Protect and Basis for Detection. The Evolution of Conservation and 19th Century Theories and Contemporary Scientific Theories. Institutions and organizations related to protection. All-around Environmental and Site Protection. Evaluation of Historical Environment Creator chronological Architectural Heritage in Turkey. Classification of Cultural and Natural Values to be Protected. Monument Concept, Monument and Building Groups. Conservation of Cultural and Natural Values Required. Factors Threatening Monuments. Principles and Methods of Intervention of Existing Spatial Values in Historical Center and City Scale. The Problems of Our Country, The Theory and Application Connection.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST105	Fine Structure-I	2	0	0	2	2	2	Compulsory

General information about the doors. Types of doors and their uses in traditional buildings. Types of doors according to production forms. Batten door construction and detail drawings. Panelled (mirror) door drawing (single leaf). Panelled (mirror) door drawing (double leaf). Panelled door detail drawings. General information about windows. Window types in traditional buildings. Side pivoted window and detail drawings. Sliding window and detail drawings. Cabinets in traditional buildings.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST111	Surveying-I	1	2	0	6	2	3	Compulsory

Definition of surveying. Surveying and Measurements. Building Surveying Project Drawing. Surveying techniques. Applied intake survey. Building Floor Plan Drawings. Building Front Rear View Drawings. Building Side View Drawings. Roof Drawings. Building Cross-Section Drawings. Stairs Drawings.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST121	Drawing on the Computer	2	1	0	4	3	3	Compulsory

Package Software Installation. CAD Program Commands. CAD Program Drawing Settings, Toolbars. Basic Computer Operations. Drawings. Check. Drawings. Check. Drawings. Recent Transactions. Delivery.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
TDİ101	Turkish Language-I	2	0	0	2	2	2	Compulsory

Definition of language. The relationship between nation and language. The relationship between language and culture. Family of languages, the place of Turkish language among other languages. Historical development of Turkish language. The current situation of Turkish language, its history and current examples, vernacular, accent, dialect. Definition of grammar and its sections, features of Turkish language. Phonetic, phonetic of Turkish, its features and classification of phonemes. Grammatical rules of Turkish. Punctuations. Word structure of Turkish and particles, derivational affix, inflexional suffix.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
YDİ101	Foreign Language-I	2	0	0	2	2	2	Compulsory

Greetings. Brainstorming about the mutual expectations. Ice breakers. To be. Possessive adjectives. Countries. Describing jobs. Simple present tense. Word order. WH questions. Expressing likes/dislikes. Foods and drinks. Ordering. Speaking about food from all over the World. Writing and speaking about free time activities. Making dialogues using frequency adverbs. Reading passage about basketball and

vocabulary practice. Talking and writing about what people are doing. Using present progressive. Understanding the polite rules of talking on the phone and acting. Talking about past events using simple past tense. Was/were. Understand an article about past and present.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST115	Fine Arts	2	1	0	3	3	3	Elective

On the definition of art. Classification of Fine Arts. Art in general (definitions-concepts). Source of art and functions of art. Art movements (Renaissance art). Art movements (Romanticism). Art movements (Realism). Expressionism. What is the subject? What is the object? Beautiful as an aesthetic value. Abstract art, Postmodernism and New Conceptualism. New approaches in today's art.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST119	Environmental Protection	3	0	0	3	3	3	Elective

Introduction. Environmental protection concept. Legal development in nature and environmental protection, role of administrations and non-governmental organizations. Environmental impacts of urbanization. Causes, effects and mechanisms of air pollution. Certain types of water and air pollutants and their ways of damaging the environment and / or human health. Greenhouse effect of atmosphere. Global warming; Climate change. Soil pollution problem. Legal and environmental framework for waste management; problems associated with recycling and development. Use of fossil fuels, environmental discussions on nuclear power plants, development of sustainable energy resources including hydropower, wind power and sea wave. Nature protection and conservation of natural resources. Development of sustainable energy resources including hydropower, wind, power and sea wave.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST123	Architectural Decoration and Repair	2	0	0	3	2	2	Elective

Information about interior and exterior decoration elements in traditional wooden and masonry structures, civil and monumental architecture. Architectural form approach, building system and decoration relation, deterioration and repair. Historical development of decoration and maoit types in architecture. Decoration techniques created on stone and marble. Stone ornament in Turkish Islamic architecture. Stone ornamentation in Umayyad, Abbasid, Tolunoğlu, Karahanlı and Great Seljuk architecture, the places they are applied and the types of motifs. Stone decoration in Anatolian Seljuk and Ottoman architecture. Application areas, application techniques and motif types. Elements in which stone, brick and stucco decoration are used in architecture. Decoration techniques with terracotta (tile and ceramic), investigation of their deterioration and repair. Decoration techniques made with wood, examination of their deterioration and repair. Decoration techniques of plaster and metal materials, application areas, investigation of deterioration and repair.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST125	Basic Art Education	2	0	0	3	2	2	Elective

Definition of light; Light in nature, light in art. Definition of point and line, one of the basic elements of visual expression. Point as a visual expression item;point relationships, point types, point in art and nature. Surface creation studies with point. Line as a visual expression element; line types and relationships, line nature and art. Line creation studies. Contrast, rhythm, balance in visual expression. Surface creation studies with contrast, rhythm and balance. Tissue; definition of texture, effects of texture in visual expression, texture and surface creation studies. Color phenomenon and effects. Color harmony (harmony). Color contrasts; mutual color contrasts, light-dark color contrasts, warm-cold contrasts. Creating patterns using colors.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST127	Geometry	2	0	0	3	2	2	Elective

Areas in triangles. Areas in triangles and problem solving methods. Areas and calculation methods of parallelograms and polygons. Calculation of the area of the circle. Metric relations within the circle. Question solution methods about metric relations in circle. Prisms. Calculations related to prisms. Solid objects, their areas and volumes. Solution methods of questions about solid objects, their areas and volumes. Trigonometry. Trigonometry questions and solutions.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST129	Information and Communication Technology	1	2	0	3	2	3	Elective

General Concepts. Operating System and File Management. Google Mail and Calendar, Google Document Service (Docs) and Google Journal (Blog). MS Powerpoint- Basic Settings, Creating Presentations, Text, Images and Tables. MS Powerpoint- Graphics and Drawing Objects, Screen Show Effects, Slideshow and Output Preparation. MS Word- First Steps to Word Processor and Basic Operations. MS Word- Formatting (Text, Paragraph, Document). MS Word- Objects (Table, Image. Image, Graphic) and Printing. MS Excel- Introduction, Cells and Worksheets. MS Excel- Formatting, Formulas and Functions. MS Excel- Graphics, Page Setup and Preparation of Outputs.

II. Semester

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
ATİ102	Atatürk's Principles and Revolution History-II	2	0	0	2	2	2	Compulsory

Political revolutions: Abolition of the Sultanate, Declaration of the Republic, Abolition of the Caliphate. Political parties and political events established in the period of Atatürk and represented in the Turkish Grand National Assembly. Legal reform and legal order. Revolutions in education. Revolutions in culture and social area. Revolutions in economic area. Turkish foreign policy in Atatürk period (1923-1930). Turkish foreign policy in Atatürk period (1930-1938). Principles of Atatürk and complementary principles. After Atatürk's Turkey.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST102	Vocational Drawing-II	1	2	0	3	2	3	Compulsory

Stair system detail drawing S:1/20. Fountain Plan-Section-View drawing S:1/20. Tomb drawing S:1/20. Cupola drawing S:1/20. Mosque drawing S:1/50. Drawing of pillar and its details. Cupola drawing technique. Mosque narthex drawing S:1/50. Drawing of shadirvan S:1/20. Arched door drawing. Mosque window drawing. Moulding drawings.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST104	Fine Structure-II	2	0	0	2	2	2	Compulsory

Repetition of scale. Flooring details. Floor covering details. Ceiling details. Roof coating details. Stair details. Types of roofing. Roof details. Section of the system. System details. Spot details.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST108	Surveying-II	1	2	0	5	2	3	Compulsory

Definition of Surveying. Surveying and Measurements. Building Surveying Project Drawing. Surveying techniques. Applied intake Surveying. Building Floor Plan Drawings. Building Front Rear View Drawings. Building Side View Drawings. Roof Drawings. Building Cross-Section Drawings. Stairs Drawings.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST110	History of Architecture and Art-I	2	0	0	2	2	2	Compulsory

The definition of art. The development of art in the historical process. Architecture and art relationship. Neolithic period architecture. Egyptian architecture. Mesopotamian architecture. Greek architecture. Roman architecture. Medieval architecture. Renaissance architecture. Architecture of the Baroque period. Architecture movements.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST118	Traditional Handicrafts-I	2	0	0	3	2	2	Compulsory

Introduction to definitions related to the concept of "Traditional Art" and preparation for lesson topics. "Traditional Turkish Arts" definition and scope. An overview of Traditional Turkish Handicrafts. Nakkaşhane and its functioning system as a production center in traditional arts. Nakkaşhane and its artistic activities in traditional arts. Book Arts: Calligraphy. Book Arts: Illumination. Book Arts: Binding-Marbling. Book Arts: Miniature. Tile and ceramic art. Pen-work techniques. Glass art and stained glass.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST120	Traditional Handicrafts Practices-I	0	2	0	3	1	2	Compulsory

General information about ceramic art. Preparation of sludge used in shaping ceramic forms. Shaping with sausage method. Plate shaping by plate method. Vase shaping by plate method. Vase shaping by plate method. Decoration and glazing of the forms. Point, line and texture research on the ceramic surface, one of the basic art elements. Shaping the desing created by two or three of the shaping methods taught. Examining the works of artists working on ceramic art. Making biscuits and glazed firing of the shaped ceramics.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
STJ102	Internship	0	0	0	10	0	0	Compulsory

Recognize the work place, to learn about the work done. Learn the planning and applications of workplace workflow. Examine the business practices, participate in practice and studies are to report.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
TDİ102	Turkish Language II	2	0	0	2	2	2	Compulsory

Definition of language. The relationship between nation and language. The relationship between language and culture. Family of languages, the place of Turkish language among other languages. Historical development of Turkish language. The current situation of Turkish language, its history and current examples, vernacular, accent, dialect. Definition of grammar and its sections, features of Turkish language. Phonetic, phonetic of Turkish, its features and classification of phonemes. Grammatical rules of Turkish. Punctuations. Word structure of Turkish and particles, derivational affix, inflexional suffix.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
YDİ102	Foreign Language II	2	0	0	2	2	2	Compulsory

Talking about clothes. Using comparative adjectives. Making dialogues about shopping. Speaking activity about fashion. Describing appearances and personalities of people, Using "be like" and "look like". Speaking and writing activity about describing our friends. Talking about tourist sites. Using can/can't.

Listening and comprehending a passage about city attractions. Talking about places around town. Using "There is" and "There are". Reading a text about favourite places around town and vocabulary gain. Talking about vacation activities. Using past tense. Reading text about describing a hotel. Talking about future plans. Using future tense. Listening activity about travel plans and follow-up activities. Reading text about travel activities.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST114	Rock Technology	3	0	0	3	3	3	Elective

The World as a system: Rock cycle. Igneous rocks with INTURKEY distribution. Sedimentary rocks-distribution INTURKEY. Metamorphic rocks- INTURKEY distribution. Physical properties of rocks related standards and experiments. Mechanical properties of rocks related standards. To be able to discuss the suitability of the test results to the limit values in TS and ASTM standards. Determining the usage places of natural building stones according to their material properties. Types of Weathering- Weathering Results-Classification of Weathering Styles. Cracks / Deformation-Material Separation / Reduction. Material Loss-Color Change / Accumulation- Biological Layout. Sample applications to stone restorations made in historical buildings in our country.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST116	Communication	2	0	0	3	2	2	Elective

Communication Description. Communication Process and Models Explaining the Communication Process. Communication Types. Culture and Communication- Interpersonal Communication. Mass Communication, Media, Media Literacy. Organizational Communication, Corporate Communication. Communication in Business Life, In-Group Communication. Communication in Social Life, Etiquette. Frame of Reference, Acquisition Codes, Stereotype. Conflict and Communication, Persuasive Communication. Elements Hinder Communication and Ways of Transcendence. Communication Accidents.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST122	Photographic Documentation	2	0	0	3	2	2	Elective

The History of Photograph. Analog and Digital Cameras. Collateral Photography Equipment. Contrast in Photography. Diaphgram and f-stop merits. Light in Photography. Determine the photography project. Set up the project. Shot the project photographs. Choose the project photographs. Appraise of the project photographs.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST124	Community Service Practices	1	1	0	3	2	2	Elective

Introducing the content of the course, reviewing the society and related concepts. The importance of community service practices. Determining the current problems of the society. Discussing in which areas the community can work in this course. Preparing new projects to find solutions for the current problems of the society. Community service practices today: Public institutions and non-governmental organizations (NGOs). The Importance of Participating in Scientific Activities such as Panel, Conference, Congress, Symposium as Audience, Speaker or Organizer. Volunteering in Various Projects within the Framework of Social Responsibility. To gain basic knowledge and skills for the implementation of community service studies in schools. Students take part in a social project using their knowledge and knowledge. Project information: General information about reporting.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST126	Occupational Health and Safety	2	0	0	3	2	2	Seçmeli

Occupational Health and safety overview. Security Culture. Occupational health and safety law No 6331. Occupational accident and occupational illness. Risk Assessment. Fire. Emergency Plan and exercise. Emergency Plan and Risk Factors for Exercise Health and safety. Working with Screen tools-manual lifting-Health and safety signs. Occupational Safety in ship, Shipyard and Industry, Safety in indoor areas. Safety studies in welding and electricity. Safe Use Of Work Equipment, Working High. Case study.

III. Semester

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST203	Restoration Project	2	2	0	5	3	4	Compulsory

Restoration stages. Obtaining survey of the elements of a small-sized wooden or a part of masonry structure or a wooden or masonry structure that may be the basis for restoration. Surveying. Determining Causes of Deterioration and Spoilage. Restitution. Investigation of Methods for Restoration. Restoration Project Preparation. Determination of protection-improvement measures to be taken.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST205	Wooden and Metal Materials	1	2	0	3	2	3	Compulsory

Wood types and uses of. Transverse and longitudinal sections of the tree, and the size extension. Principles of using wood. Wooden fittings. Wood masonry and frame structures. Single-based and dual-based wood frame construction systems. Skeletal details of construction systems. Oriels. Wooden beams, floor and ceiling coverings. Floor moldings. Roofs. Roof details.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST213	Restoration Chemistry	2	0	0	2	2	2	Compulsory

Introduction and general information. Matter and Properties, Unit Systems, Meaningful Numbers. Atomic structure, Atomic models, Periodic table. Mol Concept. Chemical Bondings. Determination of The Most Simple Formulas and Molecule Formulas of The Compounds. Chemical Naming of Chemical Compounds and Molecules. Chemical Reactions. Solids. Liquids and State Exchanges. Gases. Solutions. Acids and Bases. Introduction to Electrochemistry.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST217	History of Architecture and Art-II	2	0	0	2	2	2	Compulsory

Pre-Islamic Turkish Art. Early Islamic Architecture. From the Asian Turkic Islamic States, Karahanlılar, Gazniler and Great Seljuk Revolutionary Architects. Anatolian Seljuk Period Architecture. Style Features. Principalities period architecture. Style Features related to Term Structures. Early Ottoman Architecture. Classical Ottoman Architecture. Period styles. Republican era architecture. Transition to modern architecture.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST225	Traditional Building Types and Elements	2	0	0	4	2	2	Compulsory

Recognition of Traditional Civil Architecture structures. Recognition of traditional military architectural structures. Recognition of Traditional Religious Architecture buildings. Recognition of Traditional Building and Stone, Brick, Adobe and Wood used in the building. Introducing the basic types used in traditional buildings and the structures in which they are used. Introducing the walls used in traditional buildings and the definition of stone wall construction and weaving rules. Explanation of Foot, Column and Pillars from the bearing elements. Travers and archs. Flooring and Ceilings. Vault, Dome, Roof. Transition elements to the dome: Turkish Triangle, Tromp, Pendants. Stairs, Oriels, Roofs.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST227	Traditional Handicrafts-II	2	0	0	4	2	2	Compulsory

Defining the concept of Traditional Handicrafts. Classification of handicrafts that depend on architecture and not architecture. Concepts and terms about handicrafts that depend on architecture. Art and history of stonework. Materials used and construction techniques. Applied areas and examples. The art and history of brickwork. Materials used and construction techniques. Applied areas and examples. The art and history of plaster work. Materials used, construction techniques and examples. Art and history of woodworking, materials used and construction techniques.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST229	Traditional Handicrafts Practices-II	0	2	0	4	1	2	Compulsory

Determining the subject of freelance work to be handled in ceramic designs, conducting library research. Sketching and design studies. Evalution of sketches and designs, determining the works to be applied. Selection and implementation of the construction technique of the determined designs. The retouching and drying stages of the works completed. Baking of dried works (biscuit firing). Decor design selection and preliminary preparations of biscuit fired works. Applying decor to the works where biscuit fires are made. Glazing and baking of the works whose decor works are completed.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST219	Historical Environment Conservation Awareness	3	0	0	3	3	3	Elective

Introduction to Conservation Concepts. Development of Conservation Thought and Its Theoretical Basis. Values to be protected and evaluation criteria. Factors Causing Disruption in Monuments: Internal Causes. Factors Causing Disruption in Monuments: External Causes. Concept of Historical Environmental Protection, Evolution of Historical Environmental Protection Idea. Basic Elements of the Historical Environment. Factors That Cause the Historical Environment to be Corrupted. Historical Environmental Protection: Conservation Planning. Laws on Conservation of Cultural Heritage and Conservation Education. Conservation Related Legislation in Turkey. International Regulations on Conservation.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST223	Business Administration I	3	0	0	3	3	3	Elective

Basic economic concepts. Basic business concepts. Business responsibilities. Business objectives. Business types. Establishment of the business. Business establishment location and its importance. Establishment stages of the business. Planning in business. Quality Concept and Definition. Types of Quality. Total Quality Management and Definition.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST231	Causes of Deterioration of Wood and Protection	2	0	0	3	2	2	Elective

Deterioration of wood construction and decorative elements, causes. Wood-moisture relationship. Replacement of parts, cutting and splicing. Methods used in the destruction of contaminants in wood, drugs. Restoration of crevices, cracks or holes. Cleaning of the old varnish and varnishes. Protection of archaeological artifacts found in wood processing. Age detection methods and sampling. Impregnation

methods. Timber and keep it out of water-saturated. After restoration measures can be taken to protect. Control of environmental conditions and preservatives.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST233	Masonry Material and Construction Technology	2	0	0	3	2	2	Elective

Masonry building materials (stone, brick, adobe). Stones used in traditional buildings and their properties. Types of stones used in buildings. Stone wall types and uses. The walls forming (rubble, and cut stones tion) forms of processing. Stone masonry rules. Souvenirs and copies. Brick making and brick wall construction rules. Mud brick and mud brick building construction rules. Lime in traditional buildings. Grouts and clamps.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST235	Entrepreneurship	2	0	0	3	2	2	Elective

Entrepreneurship approaches. Entrepreneurship culture. Types of entrepreneurship. Entrepreneurship functions. Entrepreneurship fields. Entrepreneurship process. Business idea and resources. Business idea development. Business plan and elements. Preparing business plan. Local, national and international context of entrepreneurship.

IV. Semester

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST212	Professional Knowledge	2	0	0	2	2	2	Compulsory

The main lines of the international organization in the field of protection. Legal regulations related to protection in Turkey. Protection of the formation of committees. Duties and powers of committees. Public and non-governmental organizations active in conservation. Protection training. The resolutions of the Supreme Council of the Cultural and Natural Heritage Protection. Forms of intervention. Supervision of the application. Principles of Restoration-Restitution-Restoration project preparation. Preparation of necessary documentation.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST222	Graduation Project	2	2	0	8	3	4	Compulsory

Restoration stages. Obtaining survey of the elements of a small-sized wooden or a part of masonry structure or a wooden or masonry structure that may be the basis for restoration. Surveying. Determining Causes of Deterioration and Spoilage. Restitution. Investigation of Methods for Restoration. Restoration Project Preparation. Determination of protection-improvement measures to be taken.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST224	Concrete Technology	2	0	0	3	2	2	Compulsory

Introduction, General Information on Concrete Technology, Concrete and historical concretes as building materials. Aggregates. Cement types. Chemical and Mineral Additives Used in Concrete. Quality Control Methods in Fresh and Hardened Concrete. Concrete design. Ready Mixed Concrete and Prefabricated Concrete Production. Fresh concrete placement, compaction, curing. Making concrete in hot and hot weather conditions and its effect on historical buildings. Concrete strength; Quality Control Methods in Hardened Concrete. Durability of hardened concrete. Nondestructive and Destructive Quality Control of Concrete in Historical Buildings. Smart concrete, colored concrete, concrete with steel fiber, fire resistant concrete. Electronic Concrete Monitoring System (EBİS) and computer technologies in historical buildings (photogrometric, artificial neural networks).

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST226	Concrete Technology Practises	0	2	0	3	1	2	Compulsory

General information for concrete experiments. Cement tests and standards. Aggregates, and the kinds of features. Aggregate sieve analysis calculations. Mix calculations with sieve analysis. Aggregate experiments: Sampling by Reduction Method from Concrete Aggregates, Determination of Total Moisture in Concrete Aggregates Concrete Aggregates; Unit volume weight, Density, Water absorption rate. Determination of concrete grain shape. Determination of abrasion resistance in aggregates (Los Angeles). Alkali Silica Reaction. Fresh concrete experiments; Slump experiment. Compressive strength, concrete tensile strength. Regular quality control methods in concrete. Smart concrete applications. Concrete economy.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST228	Conservation	2	0	0	3	2	2	Compulsory

Conservation and its stages, duties of the conservator. Protection, purpose of protection, examination of material in protection. Conservation status determination. Deformation types in masonry structures (biological, climatic, human-caused damages) and general methods in conservation. Conservation techniques of materials of ground and foundation structures (crack repair, injection, clamping etc.). The importance of cracks and dilatation joints in wall materials, general conservation applications. Types of deterioration seen in vaults, arches, domes and conservation processes (stretching, strutting). Types of deterioration seen in the carrier legs and conservation applications (strapping). Deteriorations and conservation practices in wood and stone flooring. Fundamentals of corrosion and metal oxidation,

corrosion protection and general measures. Deterioration and protection in architectural metals and alloys. Cleaning methods in conservation.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST230	Restoration Quantity Exploration	2	2	0	5	3	4	Compulsory

Restoration Quantity- Exploration, definitions, general information about exploration. Explanations of the technical statements related to the restoration quantity exploration; work, pose, fair value, quantity etc. releases. Law, regulation, legislation information about the subject, explanation of legal procedures applied in the restoration of antiquities. Quantity- Exploration, Explanations of making attachments with examples. Obtaining the quantities of stone, brick, iron, mold, concrete, mortar, plaster, paint, etc. from the restoration project. Preparing the exploration file in practice from the restoration project, teaching with examples. Dismantling works in restoration, methods of extraction of quantities and explorations, applications with examples. Preparation of unit price analysis, explaining with examples in restorations to be made in old works. Preparation of first and second exploratory summaries, explanation of comparative exploratory applications with examples. Application project; Preparation of the exploration file of a medium restoration project. Application project; Preparation of the tender dossier of a medium-sized restoration project. Application project; Preparation of a progress payment file of a medium-sized restoration project.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST218	Museology and Exhibition	3	0	0	3	3	3	Elective

Definition of Museum and Museology. History of the Archaeological Museum in the world and Turkey. Museum Types. Functions of the Museums. Staff must be present at the museum. Exhibition at Museum. Storage in the Museums. Arrival Routes Museums Works. Protection and Control of Environmental Conditions in Museums. Restoration works in museums.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST220	Business Administration II	3	0	0	3	3	3	Elective

The basic concepts related to management and managers, the qualifications and the abilities of contemporary managers. Classical management theory Neo-classical management theory. Modern management theory. Environmental adaptation approaches. Time management. Planning function. Organization function. Directing function. Coordination function. Control function. Management education function. New management techniques.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST232	Models and Modeling	2	1	0	3	3	3	Elective

General information about the topics to be examined during the period, examining sample models, creating a work plan. Introduction of model materials, types of materials used in models made in various scales, selection of models to be made during the period. Pre-study for the model of the selected building or building detail, drawing, selecting the materials to be used. Explaining and applying cutting and joining methods in model making, model work. Roof model, application. Construction model, application. Model of stairs, application. Period model work.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST234	Decoration Techniques	1	2	0	3	2	3	Elective

Historical development of decoration in architecture and concepts related to decoration. Architectural form approach, construction system and decoration relation. Examples of the decoration types used. Decoration patterns and arrangement rules. Decoration techniques created on stone and marble. Decoration techniques made with adobe and terracotta material. Decoration techniques made with wood. Decoration techniques with additional processes. Decoration techniques made with paint. Embellishments made by coating the surface. Decoration techniques made with metal. Canopies, moldings, cornices and other profiled elements.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST236	Construction Site and Office Organization	2	0	0	3	2	2	Elective

Establishment of Construction Site. Business program. The Site Preparation Manufacturing. Production Teams. Application Studies. Excavation. Construction Site Books. Studies Office. Manufacturing Control. Preparation of merit. Provisional and Final Acceptance. Applications.

Course Code	Course Name	T	P	L	ECTS	C	Hours	Type
RST238	Research Methods and Techniques	1	1	0	3	2	2	Elective

Science, research, scientific research concepts. Science and science ethics. Research ethics and research ethics violations, basic principles of research ethics. Scientific misconceptions, violations of publication ethics, problems of authorship rights. Types of scientific research, problem statement, hypothesis, theory. Scientific research report content, the formal structure of the research report and the use of language in scientific text. Interpretation and report writing. Scientific publication ethics principles Scientific works and their types. How to use the Internet, library and documentation centers. Ethical standards, legal limitations and software. Presentation and evaluation of research reports prepared by student groups.