

## LESSON PLAN CONTENTS

LESSONS	Z/M/S	T	P	C	ECTS
<b>KTK-101 BASIC CONCEPTS OF LAW</b>	<b>V</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>

The concept of law, historical development of law, subject of law and rules regulating social relations, characteristics, system, types, purpose and classification of legal rules, sources of law, types of sanctions, division of law into branches and types, differences between public law and private law, examination of the initial provisions of public law branches, examination of the initial provisions of private law.

<b>MAT-101 MATHEMATICS</b>	<b>M</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
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Numbers Exponential and radical expressions. Functions. Exponential and logarithmic functions. Directional angles. Unit circle. Angle measurement units. The basic measure of the angle. Trigonometric functions. Trigonometric ratios of acute angles. The expression of trigonometric functions in terms of each other. Signs of trigonometric functions in the regions of the unit circle. Periodic function. Table of trigonometric functions. Cosine theorem. Sine theorem. Area formulas of the triangle. Trigonometric equations.

<b>KTK-103 PRACTICES OF TITLE DEED REGISTRATION-I</b>	<b>V</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>4</b>
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History of land registry, definition of land registry, principles of land registry, immovable properties to be registered in land registry, rights to be registered in land registry, introduction of land registry, features, main transactions made in land registry (registration, abandonment, modification and regulation), definition and types of property right, cadastral determinations and their registration in the registry, annotations to be made in the column of annotations (annotation of personal rights, annotations restricting the right of assignment, annotations prohibiting the right of assignment), annotations to be made in the column of declarations, definition of easement rights, types, results, real estate obligation, pledge rights.

<b>KTK-105 SURVEYING-I</b>	<b>V</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>4</b>
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Definition of surveying, angle and arc concepts and units of measurement, trigonometric functions, relations between trigonometric functions of angles, inverse trigonometric functions, basic solutions of triangle, map and scale, the concept of surveying, marking points and lines in the field, measuring lengths, prismatic reception, application of lines and finding lengths in cases of obstacles, making maps and plans with simple measuring instruments, measurement sketches, changing scale, finding parcel areas, measurement errors.

<b>KTK-107 TITLE DEED LEGISLATION-I</b>	<b>V</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>4</b>
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Land regime in the Ottoman period (the period before the land law, the period after the land law). Old title deed records and savings deeds, savings without a deed and the law numbered 1515, legislation related to property metruke. 2644 numbered land registry law and related legislation. 2510 numbered legislation related to the settlement law. Legislation numbered 442 related to the village law. Foundation legislation. Legislation No. 775 on slum law. Law No. 2863 on the protection of natural and cultural assets and related legislation. Law No. 3083 on land regulation in irrigation areas and related legislation.

<b>TRD-109 TURKISH LANGUAGE-I</b>	<b>M</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>
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To be able to comprehend that language is the product of human mind, to comprehend the structural features and richness of Turkish language, to comprehend the ways of being successful in written expression, to develop research, reading and information skills.

<b>YDİ-107 ENGLISH-I</b>	<b>M</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>
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Determiners; prepositions: place, time, motion; singular and plural nouns, countable and uncountable nouns, tenses,

present tense, present continuous, past continuous, modals, will, should, should not, must, must not, can, comparative constructions, pronouns, personal pronouns, possessive pronouns, adjectives, affirmative sentences, negative sentences and question sentences, conjunctions.

**AİT-ATATÜRK PRINCIPLES AND HISTORY OF THE REVOLUTION-I M 2 0 2 2**

The aim of Atatürk's principles and history of revolution course and the definition of the concept of revolution, the collapse of the Ottoman Empire and the reasons that prepared the Turkish revolution; The disintegration of the Ottoman Empire, the Armistice Treaty of Mondros, the situation of the country in the face of invasions and Mustafa Kemal Pasha's landing in Samsun, the first step for the national struggle, organization through congresses, Kuvayi Milliye and Misak-ı Milli.

**KTK-102 CIVIL LAW V 2 0 2 4**

The concept and sources of Civil Law, rules of good faith and honesty, the concepts of person and personality, the beginning and termination of personality, ways of protection of personality, rights and capacity to act, engagement, marriage, dissolution of marriage, paternity, custody, guardianship, property regimes, adoption etc.

**KTK-110 GEOGRAPHIC INFORMATION SYSTEMS V 3 0 3 4**

Definition of Geographic Information Systems (GIS), map and projection types, data collection techniques and location analysis in GIS, GIS software, hardware and organizations, GIS applications, GIS subsystems.

**KTK-104 TITLE DEED LEGISLATION-II V 3 0 3 4**

Easement rights and immovable property encumbrance, pledge rights and forms of registration, system and authority related to separate directorates, the date of commencement of work of the worker and contractor, definition and registration of legal mortgage, assignment of receivables, control of registration, detection of errors and correction procedure, changes related to pledge and partial mortgage abandonment procedures, separation of immovable property (partition), merger of immovable property (tevhit), abandonment to the road, issuance from the road, allocation of immovable property, registration through allocation, definition of condominium easement, definition of condominium ownership, establishment and registration, definition of timeshare right, establishment and registration, definition of detached and permanent rights, establishment and registration, registration of immovable property endowed, definition of foundation, places used in common, zoning application, land consolidation, expropriation, privatization, timeshare, writing of rights that cannot be established.

**KTK-106 SURVEYİNG-II V 2 1 3 4**

Angle and its types, angle and length measurement with electronic instruments, height concept, nivos, geometric and trigonometric height measurement, vertical coordinates, 4 basic homework, polygons, polygon measurements and polygon calculations, detail acquisition with electronic theodolites, volume calculations, triangulation and leveling networks.

**KTK-108 TITLE DEED LEGISLATION-II V 3 0 3 4**

Property right and types, Scope of property right, Immovable properties that need to be registered in the land registry, Limited real rights-improvement rights, Immovable property burden (obligation), Contracts transferring ownership, Lease contract, sales promise contract, construction contract in return for flat, temporary annotation of registration, condominium ownership, condominium easement, timeshare, definition and characteristics of timeshare right, elements of timeshare right contract, importance of timeshare, rights and obligations of timeshare owners.

**TRD-110 TURKISH LANGUAGE -II****V 2 0 2 2**

To be able to recognize the types of written expression in daily life, to understand the importance of punctuation in written expression, to understand the importance of correct expression in personal and social communication, to apply research, reading and information skills.

**YDİ-108 ENGLISH-II****V 2 0 2 2**

Tenses and tense structures, modals, might, could, can, must, may; adverbs, adverbs of place, direction, purpose, state; adjectives, order of adjectives, comparison, superlatives; passive construction, passive construction in present, present, past, past, future tense, conditional clauses, adjective clauses, transpositional phrases, verb constructions, to, -ing, noun clauses, adverb clauses, comparative constructions.

**AT-102 ATATÜRK PRINCIPLES AND HISTORY OF THE REVOLUTION-II****V 2 0 2 2**

Opening of the Grand National Assembly of Turkey, the national struggle until the victory of Sakarya, the Battle of Sakarya and the Great Offensive, from Mudanya to Lausanne, in the field of education and culture, the national struggle, the national struggle in the social and economic field, the period of takriri silence and democracy, nationalism, the principle of secularism, Turkey's agenda.

**KTK-203 CARTOGRAPHY****V 3 0 3 4**

Basic concepts and definitions, history of cartography, earth and coordinate systems, projections and general features, map making techniques, map division.

**KTK-201 CADASTRAL INFORMATION-I****V 3 0 3 4**

Definitions and concepts, summary information about the history of cadastre, cadastral studies in Turkey, types of cadastre (in the historical process and according to the technology used) and tasks, the scope of cadastral services, services performed by cadastre, general information about the land registry cadastral organization, principles of cadastre, principles to be observed in cadastral production, cadastral units, cadastral preliminary preparation studies, determination of the general boundary of the cadastral work area, establishment of boundary points, measurement of the boundary, preparation of the sketch, parcel delimitation operations, ground control points, triangulation and polygon operations, measurement techniques and detail measurements, drawing works, plot systems, surface area calculations, finalization of cadastral results and making the necessary transactions, actions to be taken for the survival of the cadastre, renewal of the cadastre (renewal cadastre), archive process.

**KTK-205 LAW OF OBLIGATIONS****V 3 0 3 3**

The concept of obligations and the contract as the source of obligations, tort, unjust enrichment issues, the creation of the contract, structure, representation, tort, strict liability and its types, legal consequences arising from debt and performance of debt.

**KTK-218 TKGM PROJECTS****V 2 0 2 3**

General definition, objectives, necessity of the Land Registry and Cadastral Information System (TAKBİS) project, general definition, objectives, necessity of the Spatial Real Estate System (MEGSİS) project, general definition, objectives, necessity of the Land Registry Archive Information System (TARBİS) project, general definition, objectives, necessity of the Land Registry and Cadastre Modernization Project (TKMP), general definition, objectives, necessity of the Land Registry and Cadastre Modernization Project (TKMP), The purpose of the facility cadastre, its content, the reasons for the areas where the facility cadastre has not been done, Turkey's current facility cadastral situation.

**KTK-209 PROPERTY LAW****V 3 0 3 3**

It is the part of civil law that regulates the relations arising from the direct control of persons over property. Real rights, especially property, possession, land registry, movable and immovable property are examined within the scope of property law.

**KTK-215 COMPUTER AIDED MAP DRAWING****V 2 1 3 3**

Introduction to NETCAD software, netcad draw, image, edit, query, query, tools, tools, nethesesap etc. use of menus, methods used in digital map production, digitization, introduction and use of plotters in drawing tools, creation of large size sheets. Introduction of Autocad from other drawing programs, one-dimensional and coordinated drawing, creation of layers and commands, drawing commands, 2-dimensional drawing and drawing of various examples. Data transfer to Google earth with Netcad. Various examples and applications with Netcad program.

**KTK-213 INTERNSHIP****M 0 2 1 6**

Reporting and presentation of the work done by the students under the supervision of experts for 6 weeks (30 working days) in the workplaces related to the basic professional knowledge they have been trained in their programs.

**KTK-204 ENFORCEMENT AND BANKRUPTCY LAW****V 3 0 3 4**

General provisions, enforcement proceedings and complaint, execution without judgment (execution through general attachment, execution through attachment specific to bills of exchange), enforcement with judgment, execution through foreclosure of pledge, precautionary attachment, bankruptcy, concordat and restructuring.

**KTK-202 CADASTRAL INFORMATION-II****V 3 0 3 4**

Determination and announcement of cadastral regions, cadastral team, selection of experts, cadastral commission, duties of the cadastral commission, receipt of case lists and other documents, location or island announcement, delimitation and determination of immovable properties, determination of defendant immovable properties, identification, cadastre of collective structures, control, objection to cadastral determination, commission examination, announcement of cadastral results, finalization of cadastral minutes and the period of forfeiture, determination of the announcement periods in the cadastral law, determination of immovable properties registered in the title deed, the status of external sales in titled immovable properties, determination of heirs, termination of participation, Determination of immovable properties not registered in the title deed, partition, public properties, zoning and reclamation, determination in the name of the treasury, encumbrances and limited real rights, determination of the scope of records and documents, partition of surplus, previously cadastralized places, contract and registration procedures after the start of cadastre, correction of technical errors, status of inapplicable records, cadastral fee and accrual, settlement of disputes in cadastral court, transfer of cases in local courts and completion of missing administrative procedures, procedure in cadastral cases, trial procedure, evidence and judge's discretion, attorneyship, notification and execution of cadastral court decisions, inheritance and transfer tax, cadastral report samples.

**KTK-206 INHERITANCE LAW****V 3 0 3 4**

The meaning and subject of inheritance law, the principles prevailing in inheritance law, the right ownership in inheritance, legal heirs, the concept of testamentary dispositions, the concept of testamentary dispositions, the non-enactment of testamentary dispositions, the cancellation of testamentary dispositions, the overrun of the quorum of testamentary dispositions and their cancellation, the transfer of inheritance, the division of inheritance.

**KTK-208 REAL ESTATE APPRAİSAL****V 2 0 2 3**

Introduction to valuation, understanding of value, valuation process, definition of real estate and valuation accounts, data collection and analysis, real estate valuation, housing construction, cost approach to valuation, sales comparison approach and income approach, final value approach, valuation report, valuation for special areas.

**KTK-210 EXPLORATION****V 2 0 2 4**

Purpose, scope and definitions, creation of expropriation, expropriation conditions, establishment of easement rights, authorities to decide on public interest, works to be done before expropriation and administrative annotation, purchase procedure, determination process in places that have not seen cadastre, expropriation price, appraisal commissions, appraisal principles, partial expropriation, notification, right to sue and experts, urgent expropriation, registration procedures and contentiousness of the same, evacuation, renunciation and repossession in expropriation, the owner's right of repossession, rights and obligations arising from damage, expropriation by way of barter and urgent expropriation, free use, payment of expenses and transfer of immovable property between administrations. Expropriation practices.

**KTK-212 LAND PLANNİNG AND ZONİNG****V 3 0 3 4**

Research, design and implementation stages to be followed in zoning plan making, planning principles, zoning law: Short history and development of zoning applications, definition of zoning, application form and exceptions, planning levels (regional plans, environmental plans, zoning plans, zoning plans (master zoning plan, implementation zoning plans, state ready plans), preparation of plans, enforcement, objection authorities, objection periods and decision-making, authority of the ministry in zoning plans, zoning programs, expropriation. Definitions and concepts related to zoning, types of zoning applications, boundary corrections, division and unification operations, technical and legal procedures in parceling, application of parceling plans and application methods. Land and land arrangement in accordance with Article 18 of the zoning law.

**KTK-214 GPS SURVEYİNG****M 2 1 3 3**

Location Determination Technology, Turkey National Fixed GPS Stations Network-Active (TUSAGA-ACTIVE) project, the reasons for the installation of fixed stations, their location and positioning considerations, an overview of satellites, areas where GPS is used and requirements, Positioning Methods, Static method, Kinematic Method, RTK Method, Advantages of the use of GPS, the use of GPS and various applications.

**\*\* ELECTIVE COURSES****C/V/E T P C ECTS****KTK-111 FILING ARCHIVING****E 2 0 2 2**

Information and Document Management, Electronic Document Management, Filing System and Organization, Organization of Document and File Services, Document Processing Process, Archive Management, Regulation on State Archive Services, Electronic Signature, Standard File Plan

**KTK-109 OFFICE PROGRAMS****E 2 0 2 2**

Introduction to Microsoft Excel program. Excel work screen and menu bars. Toolbars and customize applications. Worksheet editing and formula writing. Microsoft Word usage and applications. Introduction to Microsoft Power Point program, power point work screen and menu bars. Toolbars and customize applications, worksheet editing. Creating a presentation, slide show applications, pictures, objects, graphics and movies, adding sound and applications.

**KTK-115 OCCUPATIONAL HEALTH AND SAFETY****E 2 0 2 2**

Historical development of occupational health and safety, general information, definitions, occupational accident

prevention methods, occurrence and classification of occupational accidents, hazards and hazard types, methods and solutions in accident investigations, work and health relations, appropriate job placement, evaluation of workplace environmental factors, evaluation and control of occupational health and safety risks.

#### **KTK-113 COMMUNICATION**

**E 2 0 2 2**

Verbal communication, written communication, non-verbal communication, formal communication, informal communication, external communication.

#### **KTK-112 LAND CONSOLIDATION**

**E 2 0 2 2**

The concept of agriculture and agricultural production, agricultural enterprises and their characteristics, land fragmentation in Turkey, stages of land consolidation, planning and implementation stages, economic technical and legal aspects of land consolidation, calculation of parcel value numbers, design and implementation of land consolidation.

#### **KTK-114 ENTREPRENEURSHIP**

**E 2 0 2 2**

Entrepreneurship in Turkey, development of entrepreneurship, foundations of entrepreneurial thinking, entrepreneurship process, functions of entrepreneur, creativity; factors affecting creativity, motivation, attitudes and behaviors, environment, thought, intellectual property, trademark, patent, copyright

#### **KTK-116 ADMINISTRATIVE LAW**

**E 2 0 2 2**

Sources and basic principles of administrative law in Turkey, structure of central administration and decentralized administration institutions, unilateral administrative acts, administrative contracts, public service, powers and responsibilities of the administration.

#### **KTK-118 PROFESSIONAL ETHICS**

**E 2 0 2 2**

To examine the concepts of ethics and morality, to examine ethical systems, to examine the factors that play a role in the formation of morality, to examine the factors that play a role in the formation of morality, to examine professional ethics, to examine the consequences of professional corruption and unethical behavior in professional life, to examine the concept of social responsibility.

#### **KTK-211 REMOTE SENSİNG**

**E 2 0 2 2**

Basic definitions and concepts, application areas of remote sensing, electromagnetic spectrum, ray sources, electromagnetic rays, energy-object relationship, detection systems, optical systems, microwave systems, satellite systems, satellite orbits.

#### **KTK-217 URBAN TRANSFORMATION**

**E 2 0 2 2**

The concept of urban transformation, Types of urban transformation, Components of urban transformation, Examination of urban transformation in legal and technical aspects, Determination of immovable properties in urban transformation areas, Land evaluation, Land and Land Arrangement, Information about the law numbered 5393 and 6306.

#### **KTK-219 PROFESSIONAL CORRESPONDENCE AND REPORTING TECHNIQUES**

**E 2 0 2 2**

Rules of effective writing and effective writing, Factors of effectiveness in written communication, Correspondence in general terms, Spelling (spelling) rules, Correspondence Techniques, Types of Correspondence, Organizational Correspondence and Business Letters, Types of Business Letters, Use of Electronic Document Management System, Report Preparation and Report Writing, Report Preparation Process, Shape and Content Aspects of Reports.

**KTK-221 PUBLIC ADMINISTRATION****E 2 0 2 2**

General characteristics of public administration, basic principles of public administration, Turkey's administrative structure.

**KTK-216 PHOTOGRAMMETRY****E 2 0 2 2**

Definition and application areas of photogrammetry, photogrammetric products, mathematical foundations of photogrammetry, orientation operations, stereoscopic (three dimensional) vision, preparation of photogrammetric flight plan, orthophoto, ground control points.

**KTK-207 ENVIRONMENTAL ISSUES****E 2 0 2 2**

Environmental problems, causes of environmental problems, solutions to environmental problems, international environmental agreements, environmental rights, consumer society, disaster management, global warming, climate change, sustainable development, healthy cities, ecological city etc. concepts will be emphasized.

**KTK-220 FOREST AND PASTURE CADASTRE****E 2 0 2 2**

Ormanın tanımı ve Türkiye'deki orman varlığı, orman mevzuatı, orman ve mülkiyet kadastro ilişkisi, ormanların tescili orman vasfını yitirmiş orman alanlarının durumu, kadastro teşkilatı ve orman teşkilatının ilişkileri, tescile esas teknik dosyanın hazırlanması ve kontrolü, çalışmaların bitirilmesi ve ilan, tescil ve arşiv, 6831/2B uygulamaları.

**KTK-222 SALE OF REAL ESTATE****E 2 0 2 2**

Introduction to the real estate sector and its elements, economic environments affecting the real estate market, principles of the real estate market, the place and importance of sales in the real estate market, sales process in the real estate market.