Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
AIT101	Atatürk’s Principles and the History of Turkish Revolution I	(2,0,0)	2	2	Compulsory

The reasons that prepared the collapse of the Ottoman Empire and the Turkish Revolution. Disintegration of the Ottoman Empire, Tripoli War, Balkan Wars, First World War. Armistice of Mudros. The situation of the country in the face of the occupations and the reaction of Mustafa Kemal Pasha, the departure of Mustafa Kemal Pasha to Samsun. The opening of the Turkish Grand National Assembly of the National Struggle. Treaty of sevr. The Lausanne Peace Treaty. Atatürk's Principles: Republicanism, Nationalism. Populism, Statism. Secularism, Revolutionism.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
AIT102	Atatürk’s Principles and the History of Turkish Revolution II	(2,0,0)	2	2	Compulsory

Abolition of the Sultanate; Proclamation of the Republic; Taking the Election Decision in the First Parliament; Establishment of the People's Party; Ankara Becoming the Capital, Proclamation of the Republic and Reactions; Abolition of the Caliphate (The Emergence of the Problem of the Caliphate and the Events Preparing the Abolition of the Caliphate), Progressive Republican Party and Sheikh Said Rebellion; Law of Takrir-i Sukun; Closing the Progressive Republican Party; İzmir Assassination Attempt), Free Republican Party and Menemen Incident; An Overview of Atatürk-Inönü Separation, Revolutions and Their Goals; Revolutions in Law; 1924 Organization-ı Esasiye Law; Adoption of the Turkish Civil Code; Adoption of Other Basic Laws; Revolutions in Women's Rights, Education and Culture; The Law of Unification of Education; Adoption of the New Turkish Alphabet; New Understanding of History and Language; From Darülfünun to Istanbul University; Fine Arts, Developments in Economics; Late Ottoman Economy; Turkish Economy Congress and Its Results; Economic Activities in the First Years of the Republic; Transition to the Practice of Statism, Revolutions Made in Social Life (Modernization in Clothing: The Law on Wearing Hats; Closure of Lodges, Zawiyas and Tombs, Adoption of International Time, Calendar, Numbers, Measurements and Week Holidays; Adoption of the Law on Surnames; Developments), Turkey's Foreign Policy in Atatürk Era; Years 1919-1923; Years 1923-1930, Going to the Second World War and Turkish Foreign Policy 1931-1939, Principles of Atatürk; General Overview of Atatürk's Principles; Republicanism, Nationalism, Populism, Statism, Secularism, Revolutionism, İsmet İnönü Period (1938-1950); Domestic Policy During the Second World War; Establishment of the Democratic Party, Democratic Party Period (1950-1960); May 27 Military Intervention and National Unity Committee

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
AIT103	History I for International Students	(2,0,0)	2	2	Compulsory

Origins and rise of Ottoman Empire, Ottoman Administrative System, Ottoman Society, Law and Education, Revolts and Reform Attempts in Ottoman Empire, Reforms Through 19th Century, Military and Administrative Reforms, Reign of Abdülhamid II, Young Ottomans and Ottomanism, First Constitutional Era, Second Constitutional Era, Political Struggle for Power, The Ideologıcal Debates: 1913-1918, Ottoman Empire and Fırst World War I

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
AIT104	History II for International Students	(2,0,0)	2	2	Compulsory
The Aarmistice of Moundros and Its Aftermath, The National Resistance Movement and Mustafa Kemal Pasha, The Great National Assembly and the Treaty of Sevres, Great Offensive, Treaty of Lausanne and Sheikh Sait Rebellion, Declaration Of The Turkish Republic, The Major Periods in the Political History of Turkey I, The Major Periods in the Political History of Turkey II, Women and Nationbuilding in the early Turkish Republic I, Women and Nationbuilding in the early Turkish Republic II					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CHE105	General Chemistry	(3,0,2)	4	6	Compulsory
Metric system, introduction to stoichiometry, the structural and physical properties of matter, i.e., electronic structure of atoms, chemical binding, and molecular orbitals and states of matter, i.e., gases, liquids and solids. Basis of concentration. Balancing the reactions.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CMP101	Programming Application for Engineers	(2,0,2)	3	5	Compulsory
Algorithm development. Elements of C. Structure of a C program, data types, constants, input and output of integer numbers, real numbers. Variables, expressions and assignments. Input and output functions. Control Structures. Selection- If statement, multiple selection- switch statement. Iterationwhile, do-while, for operators. User-defined functions, arrays and subscripted variables, single and multi dimensional arrays. Array and functions. Pointers, pointers and strings. Structures, creating structures. Structure as function argument. Subprograms. Files. File operations.Application programs will be developed in a laboratory environment using the C language.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE100	Civil Engineering Orientation	(0,0,0)	0	3	Compulsory
Civil Engineering history, Introduction to Civil Engineering, Branches of Civil Engineering; water resources engineering, structural engineering, geotechnical engineering, concrete and materials engineering, construction technology and management, transportation engineering. Leadership and communication skills. Introduction to library. Field trips. Introduction to computer skills.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE 200	Internship I	(0,0,0)	0	5	Compulsory
Subjects that are acceptable for summer practice: surveying, time-keeping, checking and testing construction materials, assisting resident engineers, preparing quantity and cost estimates, unit price estimates, Civil Engineering drawings and graphs, use of computational machines and taking part in construction work. The department may organise a compulsory, collective summer practice program in place of the above (minimum 30 working days).					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE207	Surveying and Engineering	(4,0,0)	4	6	Compulsory

Introduction to surveying. Basic principles of surveying, classes of survey, scales, linear surveying. Errors in measurement. Levelling profiles, cross sections, area and volume calculation, contouring. Tachometry.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE224	Strength of Materials	(4,0,0)	4	5	Compulsory

Introduction to stress and strain concepts. Stresses and deformations of axially loaded members. Method of analysis. State of stress and state of strain. Internal forces and moments in beams. Normal and shear stresses and deflection of laterally loaded members. Torsion of circular bars. Stability.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE244	Materials of Construction	(4,0,0)	4	5	Compulsory

Production, types, uses in construction, properties and related test of the following materials; cements, gypsum, lime, ferrous and non-ferrous metals, bituminous materials, aggregates. Properties of fresh concrete mixtures. Pre-stressed concrete. Building stone and wood.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE300	Internship II	(0,0,0)	0	5	Compulsory

Subjects that are acceptable for summer practice: quantity and cost estimates, application of plans to site conditions, mix design, taking part in reinforced concrete work, structural highway and hydraulic designs preparing standard engineering drawings (minimum 30 working days).

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE351	Transportation Engineering	(3,0,0)	3	5	Compulsory

Principles of Highway Engineering. Excessive Fall. Safe Stopping Sight Distance Safe Passing Sight distance. Horizontal curve design. Super Elevation calculations. Vertical sag and crest curves. Vertical curve design. Area and volume calculations. Bruckner’s Method.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE361	Soil Mechanics I	(4,0,0)	4	5	Compulsory

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
Introduction to engineering problems involving soil. Ground investigation. Soil description and classification. Phase relationship. Hydrostatic and excess pore pressure, principles of effective stress. Permeability and its measurement. Darcy's law. Two dimensional steady state flow through soil, seepage and flow nets. Mohr-Coulomb shear strength theory. Measurement of shear strength parameters. Compaction of soil.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE362	Soil Mechanics II	(4,0,0)	4	5	Compulsory
Stresses in soil mass. Lateral earth pressure at rest: active and passive earth pressure. Rankine's and Coulomb's theories. Design of earth retaining structure. Fundamentals of consolidation. One dimensional consolidation. Settlements. Bearing capacity. Stability of slopes. End-of construction and long-term stability.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE374	Engineering Hydrology	(3,0,0)	3	5	Compulsory
Introduction, hydrologic cycle, weather and hydrology. Dominant hydrometeorological factors; precipitation, formation, measurement and analysis of data, snow pack and snow melt, stream flow. Watershed system measurement, evaporation and evapotranspiration; surface and subsurface water interactions. Hydrograph analysis and synthesis, flood routing. Probability in hydrology. Introduction to stochastic hydrology and simulation methods					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE381	Structural Analysis I	(4,0,0)	4	5	Compulsory
Definition, classification, idealisation and modelling of structures. Analysis of statically determinate structures, including beams, frames, trusses and arches. Analysis of cables. Work and energy principles and their application in deformation analysis of structures.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE382	Structural Analysis II	(4,0,0)	4	5	Compulsory
Introduction to structural analysis. Force method of structural analysis. Displacement methods. Slope deflection, moment distribution. Stiffness method, derivation of element stiffness matrices, assembly procedures, computerised implementation of the stiffness method and use of industrial programs. Large scale structural analysis, influence lines and moving loads.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE431	Construction Engineering and Management	(4,0,0)	4	4	Compulsory
Construction machinery, engineering fundamentals, description, types, selection, criteria and output analysis of basic construction equipments. Contracting law, bidding law, general specifications for public works, labour relations.Profile of the construction sector, company and site organisation, construction planning, safety					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
engineering, human relations. A project, which requires the student to carry out quantity surveying and legal paperwork of a construction project.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE461	Graduation Project I	(2,0,0)	2	5	Compulsory
An interdisciplinary project based course involving engineering design, cost estimating, environmental impacts, project schedule and team work. Students are expected to work in pre-assigned team under the supervision of faculty on a predetermined project. Each team will submit final report including drawing, specification, and cost estimate that completely describe their proposed design. Each team will make oral presentation defending their final design and project feasibility for their peers and for faculty members.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE471	Water Resources and Engineering I	(4,0,0)	4	5	Compulsory
The occurrence, sources, distribution and movement of groundwater. Aquifer types, differential equations of confined and unconfined aquifers. Well hydraulics. Graphical analysis, numerical and experimental solution of ground water flow. Water transmission by pipelines, hydraulics and operation of pumped discharge lines and gravity pipelines, design of pipelines and design and water distribution systems.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE472	Water Resources and Engineering II	(4,0,0)	4	5	Compulsory
Planning and operation of reservoirs; types and design of dams, spillways gates and outlets; control of erosion and sediment transport; irrigation and drainage systems; flood protection; hydrostatic power plants; management of ground water utilisation.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE481	Reinforced Concrete Theory	(4,0,0)	4	5	Compulsory
General Reinforced Concrete behaviour: moment-curvature relationship; plastic hinge, redistribution. Behaviour and strength of members under combined shear and torsion. Equilibrium torsion, compatibility torsion, punching, capacity design. Repair/strengthening principles: column, beam, slab, repair, structural system improvement. Seismic design principles. Serviceability. Detailing.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE484	Design of Steel Structures	(4,0,0)	4	5	Compulsory
Behaviour of steel structures. Tension members, compression members, beams, combined bending and compression, simple steel structures: riveted, bolted and welded connections.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE486	Structural Design	(4,0,0)	4	5	Compulsory

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
One and two way slabs, joist floors. Wall, individual, combined and continuous footings, mat foundations. Stairs, structural systems; framed, wall and combined structures, flat slabs, flat plates, masonry. Modelling. Approximate methods of structural analysis, most unfavourable loading. Introduction to advanced methods of construction; prefabricated, pre-stressed concrete, composite structures etc. Professional authority and responsibility.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
CVE498	Graduation Project II	(2,0,0)	2	5	Compulsory
Graduation Project: Application of Civil Engineering theories and topics on paper for design. The graduation project is chosen by the students and taken up after the approval of the relevant lecturer.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
EAS431	Economics For Engineers	(3,0,0)	3	6	Compulsory
Economics for Engineers Principles and economic analysis of engineering decision making. Cost concept. Economic environment. Price and demand relations. Competition. Make-versus-purchase studies. Principles and applications of money-time relations,Depreciation, Price changes and inflation, Business and company finance.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
ENG101	English I	(3,0,0)	3	4	Compulsory
Talking about biographies, asking and answering about general knowledge, talking about past events, talking about technology in the future, asking for permission/making a request, formal phone conversations, informal phone conversations, making an appointment, talking about products, checking understanding/ asking for clarification. Note: This course is offered by the departments in which the medium of instruction is English.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
ENG102	English II	(3,0,0)	3	4	Compulsory
Health matters, restaurant problems-complaints and responses, talking about computer problems, reporting the news and the weather, product problems- complaints at the store, talking about the future possibilities, health problems and herbs, job qualifications and working conditions. Note: This course is offered by the departments in which the medium of instruction is English.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
GEO102	Geology for Civil Engineering	(3,0,0)	3	4	Compulsory
Introduction to geology, the earth, time and geology, plate tectonics, minerals and rocks, structural geology, weathering, groundwater. Landslides and other processes. Earthquakes and volcanic activity. Applications of geology to engineering practice					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MEC101	Technical Drawing I	(2,0,2)	3	5	Compulsory

Introduction to technical drawing. Drawing instruments and their use, lettering, lines, geometry of straight lines, scale drawing. Dimensions. Development of surfaces, shape description, selection of views, projecting the views. Pictorial drawing, diametric trimetric projection. Isometric projection, oblique projection. Perspective drawing cross section.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MEC 204	Dynamics	(3,0,0)	3	5	Compulsory

A study on motion particles and solid bodies. Application of Newton's second law to the planar motion of rigid bodies, energy and momentum principles. Free, forced and damped vibrations of the particle. Central force movements. inertia tensor. Euler's equation of motion.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MEC203	Statics	(3,0,0)	3	5	Compulsory

Composition and resolution of forces, equilibrium of particles and rigid bodies, centers and centroids. Analysis of trusses, frames and machines. Moments of inertia and their products, virtual working method. Friction

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MEC205	Material Science	(3,0,0)	3	5	Compulsory

Classification and subgroups of engineering materials. There is no microstructure feature in Engineering Materials Applications. CWR cycle. Mechanical and physical properties of presentation. Atomic structure and bonds. Nanostructures. Crystal structure and setup. Crystal defects and their effect on material properties. Diffusion in solids. Phase diagrams and applications. Fe-C phase diagram. Steels and build up sections.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MEC310	Hydromechanics	(3,0,0)	3	5	Compulsory

Dimensional analysis and similarity theory of hydraulic models; laminar and turbulent flows. Fractional factor in pipe flow. Computation of flow in single pipe. Pipe line systems and networks. General characteristics and classification of open channel flow, pressure and velocity distribution. Continuity equation. Energy concept, momentum principle. Uniform flow. Rapidly varied flow, gradually varied flow. Design of non-erodable and erodable channels.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MEC355	Fluid Mechanics	(3,0,2)	4	5	Compulsory

Physical properties of fluids, fluid statics, pressure forces on plane and curved surfaces. Stability of floating and submerged objects. Fluid flow concepts and basic equations. Continuity, energy and momentum principles. Viscous effects in fluid flow, open and closed conduit flows. Potential flow theory.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MTH101	Calculus I	(4,0,0)	4	6	Compulsory

Functions, limits and continuity. Derivatives. Rules of differentiation. Higher order derivatives. Chain rule. Related rates. Rolle's and the mean value theorem. Critical Points. Asymptotes. Curve sketching. Integrals. Fundamental Theorem. Techniques of integration. Definite integrals. Application to geometry and science. Indeterminate forms. L'Hospital's Rule.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MTH102	Calculus II	(4,0,0)	4	6	Compulsory

Sequences and Infinite Series; The integral test, comparison test, geometric series, ratio test, alternating series. Power series, Taylor series. Parametric equations and Polar coordinates. Functions of several variables, limits, continuity, partial derivatives, chain rule, extreme of functions of several variables. Multiple integrals: Double integrals, Area, volume, double integral in polar coordinates, surface area, triple integrals, spherical and cylindrical coordinates.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MTH112	Linear Algebra	(3,0,0)	3	5	Compulsory

System of linear equations: elementary row operations, echelon forms, Gaussian elimination method. Matrices: elementary matrices, invertible matrices. Determinants: adjoint and inverse matrices, Crammer's rule. Vector spaces: linear independents, basis, dimension. Linear mapping. Inner product spaces: Gram-Schmit ortogonalization. Eigenvalues and eigenvectors, Cayley-Hamilton theorem, diagonalization

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MTH201	Differential Equations	(4,0,0)	4	6	Compulsory

Ordinary and partial differential equations. Explicit solutions, Implicit Solution. First-order differential equations, separable, homogenous differential equations, exact differential equations. Ordinary linear differential equations. Bernoulli differential equations. Cauchy-differential equations. High-order ordinary differential equations. Introduction to Laplace transforms. Introduction to series method for solving differential equations

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
MTH312	Probability and Statistical Methods	(3,0,0)	3	5	Compulsory

Definition of probability. Sample space and events. Permutations and combinations. Conditional probability and Bayers theorem. Random variables. Discrete and continuous distrubutions. Moment generating function. Expectation, variance, covariance and correlation. Condition densities and regression and transformation of variables. Descriptive statistics.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective
PHY101	Physics I	(3,0,2)	4	6	Compulsory

Measurements, vectors, kinematics, force, mass. Newton’s laws, applications of Newton’s laws. Work and kinetic energy. Conservation of linear momentum. Impulse, collisions, rotation, moments of inertia. Torque, angular momentum, conservation of angular momentum, static equilibrium.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective
PHY102	Physics II	(3,0,2)	4	6	Compulsory

Kinetic theory of ideal gases. Equipartition of energy. Heat, heat transfer and heat conduction. Laws of thermodynamics, applications to engine cycles. Coulombs law and electrostatic fields. Gauss’s law. Electric potential. Magnetic field. Amperes law. Faradays law.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
TUR101	Turkish I: Written Expression	(2,0,0)	2	2	Compulsory

Reading passages related to the chapter; grammar studies; vocabulary and translation activities; listening activities; debates on current issues related to the department (Repetition of tenses, Internet history, Health and medicine, passive frameworks, Social issues, Environmental issues, Repetition of modals, Law and punishment, repetition of adjective phrases, Language and Literature, Repetition of noun phrases.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
TUR102	Turkish II: Oral Expression	(2,0,0)	2	2	Compulsory

Spelling, punctuation and composition (punctuation marks, other signs), Spelling, spelling rules (capital letters, spelling of numbers, spelling of abbreviations, spelling of quoted words), Composition (purpose of composition, method of writing composition), plan in composition, introduction, development, result, Expression features, clarity in expression, simplicity in expression, clarity and sincerity in expression, Expression disorders (using synonyms in sentences), Misuse of idioms, Expression styles (explanation, story, concise expression, description, satire, portrait, proof, speech, Verbal expression types (daily and impromptu speech, prepared speech, panel discussion, debate, panel), Written expression types (letter, telegram, greeting, invitation, literary letter), business letters, official letter, petition, report, report, decision, advertisement, conversation, criticism, memoir, travel writing, interview, survey, autobiography, biography, novel, story, fairy tale, fable, theatre, tragedy,drama ,scenario) .

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
YIT103	Turkish I for International Students	(2,0,0)	2	2	Compulsory

The Turkish Alphabet and how Phonetics is in Turkish Alphabet, how nouns are made plural in Turkish, how to form yes-no questions, how to form sentences with “there is/there are, possessives in Turkish, how to use personal pronouns, numbers and asking questions related to numbers, how to use noun states in Turkish, where and how to use present continuous tense and simple present tense.

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
YIT104	Turkish II for International Students	(2,0,0)	2	2	Compulsary
The Turkish Alphabet and how Phonetics is in Turkish Alphabet, how nouns are made plural in Turkish, how to form yes-no questions, how to form sentences with “there is/there are, possessives in Turkish, how to use personal pronouns, numbers and asking questions related to numbers, how to use noun states in Turkish, where and how to use present continuous tense and simple present tense.					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
NTE1	Non-Technical Elective I	(0,0,0)	3	4	Elective

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
NTE2	Non-Technical Elective II	(0,0,0)	3	6	Elective

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
NTE3	Non-Technical Elective III	(3,0,0)	3	5	Elective

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
TE1	Technical Elective I	(3,0,0)	3	5	Elective

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
TE2	Technical Elective II	(3,0,0)	3	5	Elective

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsory/Elective Course
TE3	Technical Elective III	(3,0,0)	3	5	Elective