| Course Name | Code | Semester | T+A+L | Type (C / O) | Local | ECTS |
|-----------------------------|--|---|--|--|---|---|
| | | | (hour/week) | Commulacer | Credit | |
| Origins and Consequences | KHAS 101 | Fall | 03+00+00 | Compulsory | 3 | 5 |
| Course Objectives: | This course aims to int | roduce the students with | a broad outline on | fundamental science | s by focus | ing on a discussion of groundbreaking |
| | discoveries, innovation and their connections, today's world. | as and inventions in vario help them understand the | us scientific fields. consequences of s | The course also ain cientific developme | ns to develonts and the | op the students' curiosity for scientific field role science and technology play in shapin |
| Course Contents: | The course explores gr technology, and provide | oundbreaking discoveries les the students with a ba | ckground in science | e and today's world | | nce, biology, chemistry, physics and |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| History of Humankind | KHAS 103 | Fall | 03+00+00 | Compulsory | 3 | 5 |
| Course Objectives: | civilizations and histor concepts and understar students develop their verbally visually and | this course is to introduct y. It is expected that the sand that concepts and idea capacities for critical thir in writing; and develop i | students will becon s change in time an aking and analysis; ntellectual respons | ne familiar with soc d space, and are ins learn ways of readin ibility and respect for | ial scientifi titutionally ng (primary or others. | and social sciences as they relate to world ic theories that utilize and build upon these ramed. The course also aims to help the y) texts and expressing arguments and ideas |
| Course Contents: | society, family, state, i Following a quasi-chrorise to certain develop- civilization on how we beginnings of the worl | nation, race, gender, culture onology, the course will ements. The overarching the interpret the world around as depicted in scientification. | are, globalization, we nable the students theme will be how we do not us and how we do, religious, and me to students will rear | which the students we to understand the hi- we understand civili- organize our everyd- ythical origin stories of primary or second | rill encount storical con zation and ay practice s to the tim ary texts ar | story, time, space, myth, religion, individual ter in their four years of university education text and intellectual conditions that give the implications of different notions of s. The course will cover the period from the less of colonialisms and revolutions up until and watch documentary and/or feature films epts covered in class. |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Universal Values and Ethics | KHAS 105 | Fall | 03+00+00 | Compulsory | 3 | 5 |
| Course Objectives: | relationship with other free of prejudice and r other living beings; an to equip the students v | r human beings, with the misinformed preconception and to empower them to be | society at large, an ons; to build self-co come active agents and reinforce their | d with the rest of ex onfidence and becon s in society's develo command of Englis | istence. It a ne responsi pment thro h by develo | ions of their conceptions of life and of their aims to encourage them to think freely - to ible individuals who appreciate the rights or ough civic engagement. The course also aim oping their reading, writing, listening, and we level. |
| Course Contents: | The course consists of information technolog time. Rather than equi | five modules designed to gies, and bioethics, all of ipping the students with re- to evaluate issues with e- grey in ethical matters, a | o focus on some of which involve ethic formative moral va moathy, to think a | the most pressing is cal dilemmas that ar lues that would suppend analyze contextu | ssues of ou e hard to re posedly gui ally and rel | r times, i.e. diversity, cit-y-zenship, gender esolve and even hard to recognize most of t ide them in such situations, the course lationally, and, most importantly, with the ices may have broader implications that go |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Design | KHAS 107 | Fall | 03+00+00 | Compulsory | 3 | 5 |
| Course Objectives: | examples by forming improvement and sust ecological, political, e design, arts, architecture large-scale impact and foster team work and | links with the concepts of tainability. The course pro- economic, and global persure, engineering, science, d positive change. Seeing acute communication (ve | f creativity, innova esents design in an spectives. It presen business and many students as creative erbal, written and v | tion, problem-defin expanded scope inc ts a rich variety of w to other fields in white individuals and pational pations in the isual) along with the | ing and soluding tech luding tech vorks in van ch design-t arts of a cre e skills of p | nindset through a variety of perspectives ar ving, intellectual sensibility, viable nnical/technological, material, spatial, rious scales blurring the boundaries betwee thinking can be implemented and can exert eative community, the course also aims to project management, presentation and entations of design-thinking in relation to |
| Course Contents: | various fields, complein a design project of 1. Understanding the The module will condition the impact and place of creative-thinking, i 2. Stories of Design: As a more expanded product / UX design, respective examples. 3. Problem-Defining, The module will be fi | emented by a following we their own devising which nature and power of designentrate on the fundament of design in everyday life innovation, human-center episode to the previous mengineering, business, he rield-Research, Analysic poursing on the initial and | vorkshop (studio) so will also be tutore gn-thinking and do tals, values and pure, culture, history ared design and social to the students with all the students with a students with a student social to the students of th | ession of 5 weeks end by a respective ming: poses vested in desind many contemporal change. If be introduced variagiests etc.) directly the second many contemporal change. | ngaging stuentor. gn-thinking ary fields – ous inspira by the storicates outs will be i | g in general. Students will be introduced to - all in relation with the concepts and practi ational cases from various fields (architectu es told by the makers and organizers of the introduced to the preliminary preparations a ols and modes of research, problem-definir |
| | Nafia | a Nur Başürün BF Sekreteri | | Meh | nmet Em | nre Özdoğan ekreteri |

| | 4. Prototyping, Testing The final module, exp devising the design we also be following the following workshop start WORKSH In this 5-week phase, will experience the desocial impact. a. Defining problem & | anding on the concepts a ork through modelling, to main stages in design-thi ession which will procee OPS: students will shape and of sign process in a custom to needs, market / field / to | and stages introduced esting and further ite inking, and will included and in a similar, stage- conduct a design pro- nized fashion resulting | I in the previous one rative development and sasignmer by-stage fashion. Ject of their own, we g a final work that a | e, will be co through its its for each orking in te | entered on the methods and means of finalization. This and the third module will phase in a way that corresponds with the sams and with the mentorship of a tutor, and the needs of the end-user or the intended |
|---|--|---|--|--|--|---|
| | b. Concept design / Id c. Design Specifics & d. Modelling / Produc e. Testing & Feedback | Development tion | | | | |
| Course Name | f. Documentation Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Computational Chinking | KHAS 109 | Fall | 03+00+00 | Compulsory | 3 | 5 |
| Course Objectives: | variety of interdiscipl design. It introduces a | inary problem and conflict a multitude of problem so well as preparing studer | ict-resolution skills a olving skills such as nts to use programm | ind competencies de pattern recognition, ing interfaces like P | erived from abstraction ython to wo | solving tasks. It seeks to build up a wide computation, mathematics, logic and n, induction-deduction that students will ork with datasets to address popular and y life and the problems they may encounter |
| Course Contents: | Critical Thinking an Deduction and Indu Computational Thin Pattern Recognition Abstraction Fun with Algorithm Algorithms and Pro Data Collection Data Analysis Data Representation | ction king and its 4 pillars: Pr s cedures | oblem Decomposition | on | | |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Critical Reading and | TLL 101 | Fall | 02+00+00 | Compulsory | 2 | 3 |
| Writing in Turkish I Course Objectives: | forms and analyze the group in accordance | levelop skills to express em critically. This cours with the manners of disc research and the reflex | e encourages studen cussion. In this cours to apply the rules of | ts to express their the students gain the a academic integrity is | life and to loughts / arg ability to us in written a | comprehend argumentative essays in variou guments individually or as a member of a te relevant materials and resources in and oral productions. |
| Course Contents: | Critical Reading and reading and writing s and fluent Turkish. It in daily life, to read a particular subject usi | Writing in Turkish I is dikills in Turkish and to don the course, students are understand understand critically relevant sources. The | designed each week evelop their critical e encouraged to expuargumentative essay course is also desig | as a 2-hour reading a thinking and ensure ess themselves indi- rs, to be able to produce and to raise awarence | and writing to express vidually or duce argum ess in terms | workshop in order to improve students' their thoughts in a proper, comprehensible in a group work, verbally and in written forr ents and conduct academic research on a s of academic integrity among the students. |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | |
| Computer Programming I | CME 140 | Fall | 02+02+00 | Compulsory | 3 | 6 |
| Course Objectives: | techniques to solve p | e for those with little or noroblems. Topics include for with Python, testing | the notion of compand debugging, and | atation, simple algor algorithmic comple | rithms and o xity. | s to program and use computational data structures, using an editor, program |
| Course Contents: | Software, hardware, | problem solving (algority ypes, conditional statement | thms and pseudocod ents, loops, scoping, | e), Python programs collections, introdu | ming langua ection to fur | age, input and output operations, variables, actions and recursion. |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Civic Responsibility Project | KHAS 110 | Spring | 00+02+00 | Compulsory | 1 | 2 |
| Course Objectives: | This course introduc | es students to the concer | ot of social responsib | oility with theoretica | al knowledg | ge and universal values. It aims to transform |
| Course Contents: | This course introduction basic knowledge and design and implement | understanding in the fie | I active citizenship c | oncepts within the fibility theoretically. | Additional | of social responsibility. The course presents ly, the course also allows the students to live in and developing solutions for these |
| i i | problems. | | . 人名格尔德斯斯 實際 | E STOLL | | |

| Thinking Mathematically | KHAS 112 | Spring | 03+00+00 | Compulsory | 4 | 6 |
|--|---|--|---|---|--|---|
| Course Objectives: | The goal of this course | is to cover basic concent | ts of mathematics t | hat will be of use to | the student | s of any background using a modular |
| ourse Objectives. | teaching model. Studer Mathematical concepts | nts will be able to identify will be discovered/though | solution strategie | s for real-life proble | ems and con | apprehend the need for mathematical tools. able to observe the need for mathematics. |
| ourse Contents: | -Joy of Numbers (Intro -Uncertainty in Life (N -Finding Trends in Eve | duction Module) Iodule 1) cryday Life (Module 2) | | | | |
| | -Rate of Change (Mod- -Areas and Volumes (Notation -Abstract Thinking (Mod- | Module 4) | | | | |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Critical Reading and Writing in Turkish II | TLL 102 | Spring | 02+00+00 | Compulsory | 2 | 3 |
| Course Objectives: | and to interpret and cri articles on fiction using course also aims to exp | ticize Turkish novels and g secondary sources and plore the various relations | I short stories in an to develop their sk ships of novel and | analytical way. Ad ills on storytelling/o short story with dif | lditionally, t depiction/ed ferent genre | noint of view, description, time, space etc. he course enable students to write critical iting with short creative writing studies. The sthrough concepts such as intertextuality, |
| Course Contents: | in modern Turkish lite | rature, students will be all | ble to interpret and ship between novel | criticize novels and short stories v | d stories in a with other te | t of "fiction" through novels and short storie in analytical way and produce their own xts and genres is discussed through concept to encourage the creative writing skills of |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Discrete Computational Structures | CME 201 | Fall | 03+00+00 | Compulsory | 3 | 6 |
| Course Objectives: | in working with discre | ete computational structur | res common in con | nputrer science and | computation | dations of problem solving and experience nal problems. |
| Course Contents: | Introduction to the ma | in concepts of discrete co | omputational struct | ures. Overview of the a proof technique | formal tools and how it r | for mathematical reasoning and proof elates to problem solving, algorithm design te structures including sets, permutations, |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Computer Programming II | CME 241 | Fall | 02+00+02 | Compulsory | 3 | 5 |
| Course Objectives: | and strings effectively | , know the relationship b | etween pointers ar | id arrays, analyze u | ser-defined | e parameter passing methods, use pointers types (classes), develop computer code with |
| Course Contents: | pointers, arguments b | unctions, void functions, y reference, accessing an nagement, operatör overle | rays with pointers, | e, default argument passing arrays to fu | ts to a functions, stri | ion, function overloading, arrays, 2-D arrays ings, accessing strings with pointers, classes |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Fundamentals of Electronic Circuits | CME 263 | Fall | 03+00+02 | Compulsory | 4 | 6 |
| Course Objectives: | components building | and operating the such c | ircuits in the labor | atory | | ronic circuits employing semiconductor |
| Course Contents: | Basic passive and act | ive circuit components, a | | | | |
| | C 1 | | T+A+L | Type (C / O) | Local | ECTS |
| Course Name | Code | Semester | (hour/week) | | Credit | |
| Digital Design | EE 205 | Fall | (hour/week) | Compulsory | 3 | 5 |
| Digital Design Course Objectives: | EE 205 This course aims to in sequential circuits are | Fall troduce the Boolean algory covered. However, the second representation of the second representati | (hour/week) 03+00+00 ebra and, basic ana | lysis and synthesis | 3 techniques | 5 for logic circuits. Both combinational and |
| Digital Design Course Objectives: | EE 205 This course aims to in sequential circuits are | Fall troduce the Boolean algory covered. However, the second representation of the second representati | (hour/week) 03+00+00 ebra and, basic ana emphasis is on com applification; logic of | lysis and synthesis abinational circuits. design techniques w | 3 techniques | 5 for logic circuits. Both combinational and d MSI chips; combinational circuits; basic |
| Digital Design Course Objectives: Course Contents: | EE 205 This course aims to it sequential circuits are Boolean Algebra; log | Fall troduce the Boolean algory covered. However, the second representation of the second representati | (hour/week) 03+00+00 ebra and, basic ana | lysis and synthesis | 3 itechniques in the gates an Local Credit | 5 for logic circuits. Both combinational and d MSI chips; combinational circuits; basic ECTS |
| Course Name Digital Design Course Objectives: Course Contents: Course Name History of Modern Turkey I | EE 205 This course aims to it sequential circuits are Boolean Algebra; log sequential circuits. Code HST 101 | Fall troduce the Boolean algorized covered. However, the circ networks and their sin Semester Fall | (hour/week) 03+00+00 ebra and, basic anaemphasis is on complification; logic of the complete | lysis and synthesis abinational circuits. design techniques w Type (C / O) Compulsory | 3 techniques s ith gates an Local Credit | 5 for logic circuits. Both combinational and d MSI chips; combinational circuits; basic ECTS |

SOCA SILINIA

| Operating Systems | | | A. B. Y. W. | 1. 3. 1 | - 1 | |
|--|--|---|---|---|--|--|
| | | | (hour/week) | A soften | Credit | |
| Course Name | Code | Semester | T+A+L | Type (C / O) | Local | ECTS |
| Course Contents: | | | | | | |
| Course Objectives: | Building work ex | Fall perience., integrating the | | oring career alternat | - 55 | 1 * |
| Internship I | MDBF 299 | Eall | 00+00+00 | Compulsory | 0 | 6 |
| Course Name | Code Code | Semester Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Course Contents: | Functions of ma | ny variables, partial deri applications • Advance | ivatives, optimization • | Gradient, divergend | ce and curl | and their applications • Surface and volume |
| Course Objectives: | ontimization dive | ergence curl volüme an | d surface integrals, spe | cial topics on differ | ential equat | partial derivatives, gradient fields, tions) necessary for engineering application |
| Engineering Mathematics II | MA 212 | Spring | 03+02+00 | | 4 | 6 |
| | | | (hour/week) | Compulsory | Credit | |
| Course Name | it places Turkey in | a global context hence | emphasizes connection are influenced by those | ns as well as disconr transformations. Th | nections. Se nird, beside: | cond, it evaluates both the transformations as secondary guiding sources, primary source g of history instead of a series of events. ECTS |
| Course Contents: | This course explor aspects. Following and processes of the system, the Cold V | res the history of modern g a module-based structu he history of Turkey. Th War to the new global we movements, neoliberalisi | n Turkey from the early are based on specific the aroughout six modules, orld will be discussed are political Islam and | y Republican period emes, the course centhe shifts from emp in relation to various identity politics. In t | nters on the ire to Repu s social and his regard, | in its political, social, economic, and cultur ruptures and continuities in general trends blic, a single-party system to a multi-party economic aspects including rural to urban the class is planned on three principles: Firs |
| Course Objectives: | about different per course aims to hel | rspectives about the major p students in situating To ded to make students inf | or issues of Turkey thrurkey in a global conte | ough a variety of sou ext besides realizing g citizens. | urces, inclu the pluralis | tory of modern Turkey. Students will learn ding archival, visual, and fictional ones. The tic nature of the history of Turkey. In the en |
| History of Modern Turkey II | HST 102 | Spring | 02+00+00 | | 2 | 2 |
| Course Name | Code | Semester | T+A+L (hour/week) | Compulsory | Credit | |
| Course Contents: | various digital con concept of microp operations. | nponents used in the org rogramming, ?introducti | anization and design o | f computers, ?desigr | n of an elem | nentary basic computer, ?introduction to the representation for sequencing and controllin |
| Course Objectives: | instruction set for | a computer. 3. To teach | the fundamentals of a catually design these fun | computers datapath, ctional units. | memory or | ow to design the assembly language ganization, controller, and input-output mputers. Main topics are, ?introduction to |
| Computer Organization and Architecture | CME 244 | Spring | 03+00+00 | Compulsory | 3 | 6 |
| Course Name | linked lists, doubly Code | Semester Semester | ues, priority queues. D T+A+L (hour/week) | Type (C / O) | Local Credit | earching and search tree structures. ECTS |
| Course Contents: | Introduction to the | main concepts of data si | tructures and algorithn | ns. Overview of anal nce. Design and imp | ysis tools a lementatior | nd asymptotic notation. Discussion of a of important abstract data types such as |
| Course Objectives: | The main objective | e of this course is to prove of discrete data structu | vide the students with a | knowledge on foun | idations of j | problem solving and experience in the design |
| Data Structures and Algorithms | CME 242 | Spring | 03+00+02 | Compulsory | 4 | 6 |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Course Contents: | Engineering appli systems of equation | ns • Higher order ordinal | ry differential equation | S | | |
| | equations) necessar | ry for engineering applic | cations. | | | nations and their applications • Linear |
| Mathematics I Course Objectives: | The aim of this cou | Fall | natical background (de | Compulsory | 4 linear syste | ms of equations, linear differential |
| Ingineering | MA 211 | | (hour/week) 03+02+00 | | Credit | |
| Course Name | and intellectual figurban planning, cul secondary sources. Code | tures of the modern era, c tural life and lastly wars Semester | which triggered chang | re with the process ge in various areas. Trype (C / O) | Local | ization, demographic structure of the cities, s will be covered through the primary and ECTS |
| | modules, moderniz | ation of the state apparate | tus, integration to the g dents will become fam | lobal economy, tran | sformation al reforms o | of the cities, modern forms of art and of the late Ottoman period, Ottoman political feeting, demographic structure of the cities. |

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| Course Objectives: | Mutual exclusion, Proc & Segmentation, On de | ess Synchronization, Semand paging & segment. File Organization. | Semaphores, Memory entation, Operations | Management & So on Moving Head Di | heduling, M sks, Disk So | ks, OS Kernel, Concurrent Processes, fultiprogramming, Virtual Memory, Paging cheduling Policies, File System Functions, |
|--|---|--|---|--|---|--|
| Course Contents: | Mutual exclusion Proc | ess Synchronization, semand paging & segm | Semaphores, Memory entation, Operations | Management & So on Moving Head Di | heduling, N sks, Disk S | ks, OS Kernel, Concurrent Processes, Multiprogramming, Virtual Memory, Paging cheduling Policies, File System Functions, |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Object Oriented Programming Languages | CME 343 | Fall | 03+00+00 | Compulsory | 3 | 6 |
| Course Objectives: | very useful for large so software. | ale software developn | nent. Software engine | ering techniques wi | ll be presen | teach students OO techniques which are ted to teach how to build high-quality |
| Course Contents: | understanding of object | t oriented design meth | nodology and implem Objects, Methods, Co | entation techniques introl Structures, GI | The topics II Compone | guage. Students will have a working include, Java Language Basics, Data Types ents, Arrays, Inheritance, Concurrency and polymorphism, abstract classes and |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Probability and Statistics for Engineers | GE 204 | Spring | 03+00+00 | Compulsory | 3 | 5 |
| Course Objectives: | fundamental knowledge | e for the analysis of d | ata in engineering sy | stems. | | cations in order to provide some |
| Course Contents: | In this course data pre | sentation and analysis s probability distribut | , probability concepts ions, joint distribution | s, axioms of probab ns, conditional prob | ility, randon ability, cond | n variables, mathematical expectations, cepts of confidence interval and hypothesis |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Graph Theory | CME 304 | Spring | 03+00+00 | Compulsory | 3 | 6 |
| Course Objectives: | expected that students the applications of gra | will be able to demon ph algorithms in comp m. They will be requi | strate their knowledg outer engineering and ired to complete a sm | e of algorithms by s will be able to defi all project and make | olving cond ne some eng e a short sin | in the field of algorithmic graph theory. It is crete problems. Students will learn some of gineering problems on graphs and develop nulation in class. |
| Course Contents: | In this course we will | discuss elements of gr and the other half will connectivity, network | aph theory with emple to algority | nasis on algorithms. Thmic applications. | Approxima Topics inclu | ately half of the course will be devoted to ude spanning trees, Eulerian graphs, learn advanced topics such as list coloring |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Software Engineering | CME 356 | Spring | 03+00+00 | Compulsory | 3 | 6 |
| Course Objectives: | process and giving the | m fundamental princi cess models, software | ples of system develor requirements engine | pment with object of | oriented tecl | cratch by guiding them through development thrology. The course will initiate students to tern analysis, design, implementation, |
| Course Contents: | This course covers so | ftware development pr f concepts, techniques models, architectural o | rocess, requirements of and tools are present design, implementation | ed for software pro n, verification, vali | cess, softwa | eation, design, implementation, testing and are requirements, project management, peop software evolution. The team of students wil |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Numerical Methods | MA 304 | Spring | 03+00+00 | Compulsory | 3 | 6 |
| Course Objectives: | sciences. The students | troduce the students to | rical analyses can be | applied to a wide ra | nge of prob | methods as used in engineering and the lems of importance in the sciences, industry |
| Course Contents: | Description of numeri | cal methods and appli nethods for the solution | ication of them partic | ularly in engineerin | g. Error ana | llyses in numerical methods, analytical nethods, interpolation, linear regression, |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Internship II | MDBF 399 | Fall | 00+00+00 | Compulsory | 0 | 6 |
| Course Objectives: | Building work experie | ence, integrating theor | y and practice, explo | ring career alternati | ves. | |
| Course Contents: | | Nur Başürün BF Sekreteri | | Me | nmet Em MDBF S | nre Özdoğan ekreteri |
| | | | WAR STAN | LIP TO | Pu | |

| Course Name | Code | Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECTS |
|---|---|---|--|--|--|---|
| Engineering Problem Solving and Project Management | GE 401 | Fall | 02+00+00 | Compulsory | 2 | 6 |
| Course Objectives: | and application of the | e well-known methodol ents. | logies. The course also | covers the project | managemen | ng problem solving along with the theory t and related topics that will be very helpful |
| Course Contents: | This course covers the | ne following topics: def | ign, detailed design, co | ncurrent engineerin | tion of oper g, teamwor | n- and closed-ended problems, engineering k, human as a social entity in team works, |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECTS |
| Engineering Design | GE 400 | Spring | 00+08+00 | Compulsory | 4 | 10 |
| Project Course Objectives: | In the design project | course, students will fi | nd realistic solutions tergraduate education. | o open-ended engin | eering prob | lems, and will lead to a product or model by |
| Course Contents: | A design project is the supervision of one or | ne last stage of undergra | aduate education. An i s. The faculty assignm | nterdisciplinary pro ent, the proposal da | ject with a t tes and the f | eam of 2-4 students is carried out under the final report submission along with the |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Mobile Application Development | CE 414 | Spring | 03+00+00 | Elective | 3 | 8 |
| Course Objectives: | opportunities for app careful examination Android Studio. | olication developers. The of mobile app program | nis course teaches mob ming. Students will ga | ile app developmen iin knowledge of ho | t on the And w to design | and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using |
| Course Contents: | This course covers to | opics such as model-vie nulti-fragment app deve | ew-controller (MVC) l | nierarchy, user-inter | face princip tents. | les, persistent information and databases, |
| Course Name | Code | Semester Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECTS |
| | - | | (Hour/week) | | | |
| Database Application Development | CE 461 | Spring | 03+00+02 | Elective | 4 | 8 |
| Application Development | To develop internet/ students will be able development environ | 3-tier and client-server to design and implements with a graphica on the application scheme | applications for end uent forms and reports uluser interface. They | sers based on a relationsing the Oracle Interviewill also learn how | tional datab ernet Applic to implemen | ase management system, namely Oracle. Thations Developer tools which are at triggers, subprograms and access control |
| Application Development Course Objectives: | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid | 3-tier and client-server to design and implements with a graphica n the application schen forms builder, data blo ation, navigation, trans | applications for end uent forms and reports uluser interface. They are. | sers based on a relation in the Oracle Interview ill also learn how to LOV's, input item | tional datab ernet Applic to implements, Windows | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts |
| Application | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid | 3-tier and client-server to design and implements with a graphica n the application schen forms builder, data blo | applications for end uent forms and reports uluser interface. They are. | sers based on a relation in the Oracle Interview ill also learn how to LOV's, input item | tional datab ernet Applic to implements, Windows | ase management system, namely Oracle. Thations Developer tools which are |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 | 3-tier and client-server to design and implements with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall | applications for end uent forms and reports ull user interface. They need to the control of the | sers based on a relation in the oracle Interview in the Oracle Interview in the will also learn how in the interview in the i | tional datab ternet Application implements, Windows ons, menu r | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS 8 |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic | 3-tier and client-server to design and implement ments with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall c web design and web o | applications for end usent forms and reports user interface. They note that the second of the second | sers based on a relation in the control of the cont | tional datab ternet Application implements, Windows ons, menu r | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo Course Objectives: | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic | 3-tier and client-server to design and implements with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall | applications for end usent forms and reports user interface. They note that the second of the second | sers based on a relation in the oracle Interval is ing the Oracle Interval is ing the Oracle Interval is ingular in the interval is in the interval | tional datab crnet Applicate implements, Windows ons, menu range Local Credit 3 | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS 8 kills in HTML and web programming. |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic | 3-tier and client-server to design and implement ments with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall c web design and web o | applications for end usent forms and reports user interface. They note that the second of the second | sers based on a relation in the control of the cont | tional datab ternet Applicate implements, Windows ons, menu r Local Credit 3 nt of basic s Local Credit | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS 8 |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- | To develop internet/ students will be able development environ using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic * Temel Web Sayfa Code | 3-tier and client-server to design and implements with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall c web design and web of si Yapisi * HTML ve F | applications for end usent forms and reports all user interface. They he. cks, frames, text items action processing, must report the control of the control | sers based on a relation in the control of the cont | tional databernet Application implements, Windowsons, menur rules Local Credit 3 Local Credit Local Credit 3 | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- Commerce | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic * Temel Web Sayfa Code CE 481 To understand conc activities. | 3-tier and client-server to design and implement with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall c web design and web of the server | applications for end usent forms and reports all user interface. They he. cks, frames, text items action processing, must be action processing, must be action processing act | sers based on a relation in the control of the cont | tional databernet Application implements, Windowsons, menur rules and Credit and of basic substitution and the control of the | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- Commerce Course Objectives: | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic * Temel Web Sayfa Code CE 481 To understand conc activities. | 3-tier and client-server to design and implements with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall c web design and web of si Yapisi * HTML ve F | applications for end usent forms and reports all user interface. They he. cks, frames, text items action processing, must be action processing, must be action processing act | sers based on a relation in the control of the cont | tional databernet Application implements, Windowsons, menur rules and Credit and of basic substitution and the control of the | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |
| Application Development Course Objectives: Course Contents: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- Commerce Course Objectives: Course Objectives: | To develop internet/ students will be able development enviror using PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic * Temel Web Sayfa Code CE 481 To understand conc activities. | 3-tier and client-server to design and implement with a graphica n the application schen forms builder, data blo ation, navigation, trans r, report development. Semester Fall c web design and web of the server | applications for end uent forms and reports ull user interface. They he. cks, frames, text items action processing, mu T+A+L (hour/week) 03+00+00 development technology THA+L (hour/week) 03+00+00 mmerce, and to conduent issues, customer orions. | sers based on a relation in the control of the cont | tional databernet Application implements, Windowsons, menur rules and Credit and of basic substitution and the control of the | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |
| Application Development Course Objectives: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- Commerce Course Objectives: Course Contents: Course Name Database Management | To develop internet/ students will be able development envirousing PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic * Temel Web Sayfa Code CE 481 To understand conc activities. e-business/e-comme Code CME 344 | 3-tier and client-server to design and implement ments with a graphica in the application schem forms builder, data blo ation, navigation, trans r, report development. Semester | applications for end usent forms and reports of luser interface. They need the control of the co | sers based on a relation in the sers based on a relation in the series based on the series based on a relation in the series based on the seri | Local Credit Local Credit 3 | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |
| Application Development Course Objectives: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- Commerce Course Objectives: Course Contents: Course Name Database | To develop internet/ students will be able development envirousing PL/SQL withi Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basic * Temel Web Sayfa Code CE 481 To understand conc activities. e-business/e-comme Code CME 344 To provide a solid to design and implem | 3-tier and client-server to design and implement ments with a graphica in the application schem forms builder, data blo ation, navigation, trans r, report development. Semester | applications for end usent forms and reports user interface. They need the control of the contro | sers based on a relation sing the Oracle Intervillation learn how will also learn how the strict of | Local Credit Local Credit a ased analys Local Credit 3 Local Credit The second content of the second | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |
| Application Development Course Objectives: Course Name Internet Engineering and Web Site Develo Course Objectives: Course Contents: Course Name e-Business/e- Commerce Course Objectives: Course Objectives: Course Name Database Management Systems | To develop internet/ students will be able development envirousing PL/SQL within Form development, query triggers, valid charts, report builde Code CE 476 Introduction to basid * Temel Web Sayfa Code CE 481 To understand concactivities. e-business/e-common Code CME 344 To provide a solid undesign, and implem Database managem database architecture. | 3-tier and client-server to design and implement ments with a graphica in the application schem forms builder, data blo ation, navigation, trans r, report development. Semester Fall Semester Fall Semester Fall Semester Fall Semester Fall Semester Fall Semester Fall epts of e-business/e-colerce, business plan, legal Semester Fall Inderstanding of RDBM Entation in the developent systems and IT data | applications for end uent forms and reports user interface. They he. cks, frames, text items action processing, mu T+A+L (hour/week) 03+00+00 development technology TT+A+L (hour/week) 03+00+00 mmerce, and to conduent issues, customer orion T+A+L (hour/week) 02+00+02 MS (Relational Databament of a RDBMS. a modeling E-R diagrapatabase model SQL: see | sers based on a relation sing the Oracle Interval also learn how will also learn how the service of the service | Local Credit 3 ased analys Local Credit 3 ased analys Local And physical and physic | ase management system, namely Oracle. The ations Developer tools which are not triggers, subprograms and access control and canvases, triggers, messages and alerts modules, data sources, record groups, timers ECTS |

| Formal Languages and Automata Theory | CME 348 | Fall | 03+00+00 | Elective | 3 | 5 |
|--|--|--|--|--|--|--|
| Course Objectives: | topics are mathematic | al by nature and proofs | are presented through | nout. Skills in reasor | ning about o | what can not be computed? The course computation and constructing proofs should |
| Course Contents: | (regular, context-free | nin concepts of computation according to how " It is represented via a co | difficult" they are and | d corresponding to e (automaton). | ach languag | es is established. Languages are classified ge class a model of computation is |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECTS |
| Computer Networks | CME 351 | Fall | 03+00+02 | Elective | 4 | 6 |
| Course Objectives: | studied. Upon success | sful completion of the c | ourse, a student will l hes towards addressin | nave a good understag these issues. | anding of th | ks, their protocols and applications will be e layered network architecture, design |
| Course Contents: | Overview of compute | r networks. Network ar | chitecture and the OS on and multiplexing, | I model. Network to terminal handling, e | rrors. Data | nnectivity analysis, delay analysis and link layer and link protocols. Network nd session layer, presentation layer, |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Embedded System | | | 02.00.00 | Flating | 3 | 0 |
| Design | CME 354 | Fall | 03+00+00 | Elective | oduction to | embedded mobile application development |
| Course Objectives: | | | | | | |
| Course Contents: | | state-of-the-art methods | | | | n design. ECTS |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECIS |
| Computer | CME 412 | Fall | 03+00+00 | Elective | 3 | 8 |
| Simulation Course Objectives: | model will be taught | es for specifying syster and theory and techniquations, students will be | n models will be studues for determining the | ied. Theory and techne accuracy of a simulation of the simulation | ulated syste have learne | ilable for constructing a simulation from a m will be examined. Through several d. |
| Course Contents: | Simulation is the pra | ctice of designing a mo | del of an actual or the computer-based sim | oretical system, exe ulation, where the m | cuting that a lodel is imp | model to observe its behavior and then lemented as part of a computer program, |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECTS |
| | | | | | | |
| | CME 414 | Fall | 03+00+00 | Elective | 3 | 8 |
| Development | The emergence of a popportunities for app careful examination | new generation of smar lication developers. Th of mobile app programm | t mobile devices and is course teaches mob ming. Students will ga | platforms such as the ile app developmen ain knowledge of ho | e Apple iOS t on the And w to design | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using |
| Development Course Objectives: | The emergence of a popportunities for app careful examination. Android Studio. This course covers to | new generation of smar lication developers. Th of mobile app programs | t mobile devices and is course teaches mobile ming. Students will gow-controller (MVC) | platforms such as the ile app developmen ain knowledge of ho nierarchy, user-inter | e Apple iOS t on the And w to design | S and Google Android have opened up new droid platform. This course involves a |
| Development Course Objectives: Course Contents: | The emergence of a popportunities for app careful examination. Android Studio. This course covers to | new generation of smar lication developers. Th of mobile app programm | t mobile devices and is course teaches mobile ming. Students will gow-controller (MVC) | platforms such as the ile app developmen ain knowledge of ho nierarchy, user-inter | e Apple iOS t on the And w to design | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using |
| Development Course Objectives: Course Contents: Course Name Cloud Infrastructure | The emergence of a popportunities for app careful examination. Android Studio. This course covers to CRUD operations, in Code | new generation of smar lication developers. The of mobile app programs opics such as model-vie nulti-fragment app deve Semester | t mobile devices and is course teaches mobile ming. Students will go w-controller (MVC) lopment, usage of app T+A+L (hour/week) | platforms such as the sile app development in knowledge of homeonic and interarchy, user-interest bar and implicit interarchy the control of | e Apple iOS t on the And w to design face princip tents. Local Credit | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS |
| Course Contents: Course Name Cloud Infrastructure and Services | The emergence of a copportunities for approached examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environmed out infrastructure. | new generation of smar lication developers. The of mobile app programs opics such as model-vie nulti-fragment app deve Semester Fall teach about the key content. Upon completing the | t mobile devices and is course teaches mobile devices and is course teaches mobile. Students will gaw-controller (MVC) lopment, usage of approximate approximately approxi | platforms such as the bile app development in knowledge of homeonic interarchy, user-interest bar and implicit interarchy (C/O) Elective involved in transition will have the knowled an organization. | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 he current state of a data center to a cloud e informed decisions about migrating to |
| Development Course Objectives: Course Contents: Course Name Cloud Infrastructure and Services Course Objectives: | The emergence of a popportunities for appeareful examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environmeloud infrastructure The Cloud Infrastructure | new generation of smar dication developers. The of mobile app programme opics such as model-vie aulti-fragment app developers. Semester | t mobile devices and is course teaches mobile devices and is course teaches mobile in the course teaches will grow-controller (MVC) lopment, usage of approximate approximate the course and steps this course, students we ployment model for course educates students were provided in the course educates students with the course educates and the course educates with the course educates with the course educates and the course educates educates with the course educates and the course educates educates educates with the course educates educat | platforms such as the bile app development in knowledge of homeonic interarchy, user-interest bar and implicit interarchy (C/O) Elective involved in transition will have the knowled an organization. | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 he current state of a data center to a cloud e informed decisions about migrating to |
| Course Contents: Course Name Cloud Infrastructure and Services Course Objectives: | The emergence of a popportunities for appeareful examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environmeloud infrastructure The Cloud Infrastructure | new generation of smar lication developers. The of mobile app programs opics such as model-vie nulti-fragment app deve Semester Fall teach about the key content. Upon completing the | t mobile devices and is course teaches mobile devices and is course teaches mobile in the course teaches will grow-controller (MVC) lopment, usage of approximate approximate the course and steps this course, students we ployment model for course educates students were provided in the course educates students with the course educates and the course educates with the course educates with the course educates and the course educates educates with the course educates and the course educates educates educates with the course educates educat | platforms such as the bile app development in knowledge of homeonic interarchy, user-interest bar and implicit interarchy (C/O) Elective involved in transition will have the knowled an organization. | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 he current state of a data center to a cloud e informed decisions about migrating to |
| Development Course Objectives: Course Contents: Course Name Cloud Infrastructure and Services Course Objectives: Course Contents: Course Name Information Storage | The emergence of a copportunities for appeareful examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environmeloud infrastructure. The Cloud Infrastructure the key consideration. Code CME 416 | new generation of smar lication developers. The of mobile app programs opics such as model-vie nulti-fragment app developers. Fall reach about the key content. Upon completing the and choosing the best deture and Services (CIS) as in migrating to cloud semester. Fall | t mobile devices and is course teaches mobile devices and is course teaches mobile in the course of approximate and in the course of approximate and steps in the course of ap | platforms such as the bile app development in knowledge of homeonic knowledge (C/O) Elective Type (C/O) Type (C/O) Elective Type (C/O) | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 he current state of a data center to a cloud e informed decisions about migrating to end service models, cloud infrastructure, and ECTS 8 |
| Course Contents: Course Name Cloud Infrastructure and Services Course Objectives: Course Contents: Course Name | The emergence of a copportunities for approached examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environment of the Cloud infrastructure. The Cloud infrastructure the key consideration. Code CME 416 This course aims concomplex IT environment technologies. | rew generation of smar- lication developers. The of mobile app programs opics such as model-vie aulti-fragment app developers. Fall reach about the key content. Upon completing the and choosing the best decreated and Services (CIS) as in migrating to cloud semester Fall representation of smart such as a stronger services. The semester representation of the services and products are representation of the services and products. | t mobile devices and is course teaches mobile devices and is course teaches mobile in the course of approximate and in the course of approximate and steps in the course of a | platforms such as the bile app development in knowledge of homeonic knowledge (C/O) Elective involved in transition will have the knowledge an organization. It is about cloud department of the knowledge (C/O) Elective which will enable younderlying storage to | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make ployment an Local Credit 3 ou to make chnologies | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 the current state of a data center to a cloud e informed decisions about migrating to a service models, cloud infrastructure, and ECTS 8 more informed decisions in an increasingly and prepares students to learn advanced |
| Mobile Application Development Course Objectives: Course Contents: Course Name Cloud Infrastructure and Services Course Objectives: Course Contents: Course Name Information Storage and Management Course Objectives: | The emergence of a copportunities for appeareful examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environmedicular infrastructure. The Cloud Infrastructure The Cloud Infrastructure. Code CME 416 This course aims concepts, technology. Information Storage. | rew generation of smar lication developers. The of mobile app programm opics such as model-vie multi-fragment app developers. Fall reach about the key content. Upon completing the and choosing the best dicture and Services (CIS) as in migrating to cloud semester Fall reprehensive learning of ment. ISM builds a stronger, and products. and Management (ISM approach is and products. | t mobile devices and is course teaches mobile devices and is course teaches mobile in the course of approximate and steps this course, students well computing. T+A+L (hour/week) 03+00+00 siderations and steps this course, students well course educates students well computing. T+A+L (hour/week) 03+00+00 f storage technology, ing understanding of understanding of units course of the cour | platforms such as the sile app development in knowledge of home interarchy, user-interest bar and implicit interarchy bar and implicit interarchy bar and implicit interarchy bar and implicit interarchy in transition in transit | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make ployment an Local Credit 3 ou to make chnologies | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 he current state of a data center to a cloud e informed decisions about migrating to a service models, cloud infrastructure, and ECTS 8 more informed decisions in an increasingly |
| Development Course Objectives: Course Name Cloud Infrastructure and Services Course Objectives: Course Contents: Course Name Information Storage and Management Course Objectives: | The emergence of a copportunities for appeareful examination. Android Studio. This course covers to CRUD operations, in Code CME 415 This course aims to computing environmedicular infrastructure. The Cloud Infrastructure The Cloud Infrastructure. Code CME 416 This course aims concepts, technology. Information Storage. | rew generation of smar- lication developers. The of mobile app programs opics such as model-vie aulti-fragment app developers. Fall reach about the key content. Upon completing the and choosing the best decreated and Services (CIS) as in migrating to cloud Semester Fall representation of smart such as a stronger sand products. | t mobile devices and is course teaches mobile devices and is course teaches mobile in the course of approximate and steps this course, students well computing. T+A+L (hour/week) 03+00+00 siderations and steps this course, students well course educates students well computing. T+A+L (hour/week) 03+00+00 f storage technology, ing understanding of understanding of units course of the cour | platforms such as the sile app development in knowledge of home interarchy, user-interest bar and implicit interarchy bar and implicit interarchy bar and implicit interarchy bar and implicit interarchy in transition in transit | e Apple iOS t on the An- w to design face princip tents. Local Credit 3 ning from t dge to make ployment an Local Credit 3 ou to make chnologies | S and Google Android have opened up new droid platform. This course involves a , develop, and deploy mobile apps using oles, persistent information and databases, ECTS 8 he current state of a data center to a cloud e informed decisions about migrating to a service models, cloud infrastructure, and ECTS 8 more informed decisions in an increasingly and prepares students to learn advanced |

1 Serietell

| 7 | in combinatorial desig | ns and graph theory. | | | | mbinatorics and basic combinatorial objects |
|---|--|---|--|--|--|--|
| Course Contents: | Topics include set the | ory, mathematical induction | on, integers, functi | ons and relations, co | ounting met | hods, recurrence relations, generating s and graphs (including planar graphs). |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C/O) | Local Credit | ECTS |
| Network Engineering I | CME 451 | Fall | 03+00+02 | Elective | 4 | 8 |
| Course Objectives: | The goal of Introduction and switches, and impropriet and troubles | on to Networks section is lement IP addressing sche | to make students vermes. The goal of leading and resolve comme | will be able to build Routing and Switch non issues with RIP | ing Essentia v1, RIPng, | Ns, perform basic configurations for routers als session is to make students will be able to OSPF, VLANs, and inter-VLAN routing. |
| Course Contents: | | is provide a comprehens the top-down approach t | | tworking from fund | amentals to | advanced practical applications and |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Network Engineering II | CME 453 | Fall | 03+00+02 | Elective | 4 | 8 |
| Course Objectives: | The goal of LAN Swingrovide network access WAN session is to int | ss to LAN users. This couroduce students to fundan | rse also teaches ho nental networking | w to integrate wirel concepts and techno | less devices ologies. | s are interconnected and configured to into a LAN. The goal of Accessing the |
| Course Contents: | Differentiating between features, commands to identify PPP operation | en the following WAN set o configure frame relay Ll | rvices: LAPB, Fran MIs, maps, and sub ata on Cisco router | me Relay, ISDN/LA pinterfaces comman s State a relevant us | APD, HDLC ds to monitons se and conte | , PPP, and DDR key frame relay terms and or frame relay operation in the router xt for ISDN networking, Identify ISDN |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Database Application Development | CME 461 | Fall | 03+00+00 | Elective | 3 | 8 |
| Course Objectives: | students will be able t development environi | o design and implement f ments with a graphical use the application scheme. | forms and reports user interface. They was | ising the Oracle Inte will also learn how t | ernet Applic to implemer | ase management system, namely Oracle. Th ations Developer tools which are at triggers, subprograms and access control |
| Course Contents: | Form development, for | orms builder, data blocks, tion, navigation, transaction | frames, text items on processing, mul | , LOV's, input item tiple form application | s, Windows ons, menu n | and canvases, triggers, messages and alerts modules, data sources, record groups, timers |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| | | | 03+00+00 | | | I . |
| | CME 467 | Fall | 0.0000 VINDOV, 02:0023 | Elective | 3 | 8 |
| Design and Analysis of Algorithms Course Objectives: | The main objective of | f this course is to provide design and implementation | the students with a | knowledge on four ommonly employed | ndations of in compute | problem solving, computational efficiency, r science and computational problems. |
| of Algorithms Course Objectives: | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque | f this course is to provide design and implementation ain concepts of design and ding sums, and solving re | the students with a on of algorithms co d analysis of algori currences. Discuss programming, am | h knowledge on four ommonly employed thms. Overview of sion of efficiently so nortization, and gree | in compute basic analysolvable prob | problem solving, computational efficiency, r science and computational problems. sis techniques: approximating functions |
| of Algorithms Course Objectives: Course Contents: | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque | f this course is to provide design and implementation ain concepts of design and ding sums, and solving re r, randomization, dynamic | the students with a on of algorithms co d analysis of algori currences. Discuss programming, am | h knowledge on four ommonly employed thms. Overview of sion of efficiently so nortization, and gree | in compute basic analysolvable prob | problem solving, computational efficiency, r science and computational problems. sis techniques: approximating functions tems with a focus on design techniques sucl |
| of Algorithms Course Objectives: Course Contents: Course Name | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque through algorithms ap Code | f this course is to provide design and implementation ain concepts of design and ding sums, and solving rer, randomization, dynamic splied to problems related Semester | the students with a con of algorithms cod analysis of algorithms cod analysis of algorithms cod analysis of algorithms cod analysis of algorithms courrences. Discuss programming, and to sets, sequences T+A+L (hour/week) | a knowledge on four ommonly employed of thms. Overview of sion of efficiently so nortization, and gree , strings, graphs etc. Type (C / O) | ndations of in compute basic analysolvable probady algorithm. Local Credit | problem solving, computational efficiency, r science and computational problems. is techniques: approximating functions elems with a focus on design techniques such ins. Illustration of various new concepts ECTS |
| of Algorithms Course Objectives: Course Contents: Course Name Compiler Design | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque through algorithms at Code CME 473 Introduction to compiniternal representation | f this course is to provide design and implementation ain concepts of design and ding sums, and solving rere, randomization, dynamic splied to problems related Semester Fall liter organization and implements of the source program, see the series of | the students with a con of algorithms cod analysis of algorithms cod analysis of algorithms cod analysis of algorithms cod analysis of algorithms code analysis, and to sets, sequences T+A+L (hour/week) | a knowledge on four ommonly employed of thms. Overview of sion of efficiently so nortization, and gree, strings, graphs etc. Type (C / O) Elective ling formal specification-time environme | ndations of in compute basic analysolvable probady algorithm. Local Credit 3 ations and a ent issues an | problem solving, computational efficiency, r science and computational problems. is techniques: approximating functions elems with a focus on design techniques such ins. Illustration of various new concepts ECTS 8 |
| of Algorithms Course Objectives: Course Contents: Course Name Compiler Design Course Objectives: | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque through algorithms ap Code CME 473 Introduction to compiniternal representation compiler for a reason | f this course is to provide design and implementation ain concepts of design and ding sums, and solving rer, randomization, dynamic oplied to problems related Semester Fall liter organization and implemented in the source program, sably large subset of a conation, lexical analysis, pa | the students with a con of algorithms cod analysis of algorithms cod analysis of algorithms cod analysis of algorithms cod analysis, are to sets, sequences T+A+L (hour/week) | a knowledge on four ommonly employed thms. Overview of sion of efficiently so nortization, and gree, strings, graphs etc. Type (C / O) Elective ling formal specification formal specification formal specification. | ndations of in compute basic analysolvable probady algorithm. Local Credit 3 ations and a ent issues an ual machine | problem solving, computational efficiency, r science and computational problems. is techniques: approximating functions alems with a focus on design techniques such its. Illustration of various new concepts ECTS 8 |
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| of Algorithms Course Objectives: Course Contents: Course Name Compiler Design Course Objectives: Course Contents: Course Name Introduction to Computational | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque through algorithms at Code CME 473 Introduction to compiniternal representation compiler for a reason The phases of compil modern compiler issue Code CME 474 | f this course is to provide design and implementation in concepts of design and ding sums, and solving regregation, and solving regregation, and implied to problems related Semester Fall liter organization and implement of the source program, subly large subset of a contation, lexical analysis, pates. Semester Fall Fall Fall | the students with a con of algorithms cod analysis of algorithms cod analysis of algoriturences. Discuss programming, and to sets, sequences T+A+L (hour/week) 03+00+00 T+A+L (hour/week) T+A+L (hour/week) 03+00+00 | a knowledge on four ommonly employed of thms. Overview of ision of efficiently so nortization, and gree strings, graphs etc. Type (C / O) Elective ling formal specification-time environme ge, targeted to a virtug, JVM code general type (C / O) Elective | andations of in compute basic analysic leads algorithm. Local Credit ations and a sent issues an ual machine ation, surve Local Credit 3 Local Credit 3 Local Credit 4 Local Credit 4 Local Credit 3 | problem solving, computational efficiency, r science and computational problems. sis techniques: approximating functions elems with a focus on design techniques such ins. Illustration of various new concepts ECTS 8 Igorithms for lexical and syntactic analysis, d code generation. Students will write a serior of famous Java compilers and discussion of techniques such instances. Students will write a serior of famous Java compilers and discussion of techniques. |
| of Algorithms Course Objectives: Course Contents: Course Name Compiler Design Course Objectives: Course Contents: Course Name Introduction to Computational Biology | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque through algorithms at Code CME 473 Introduction to compiler for a reason The phases of compiler modern compiler issue Code CME 474 To help students gain computational methologisms (4) Experies | f this course is to provide design and implementation in concepts of design and ding sums, and solving rest, randomization, dynamic opplied to problems related Semester Fall liter organization and implementation of the source program, sably large subset of a condition, lexical analysis, pales. Semester Fall (1) An understanding of ds and algorithms application of the source program, sably large subset of a condition, lexical analysis, pales. | the students with a con of algorithms cod analysis of algorithms cod analysis of algoricurrences. Discuss programming, and to sets, sequences T+A+L (hour/week) 03+00+00 ementation, include semantic analysis, temporary languages ing, type checking the company of the | a knowledge on four ommonly employed thms. Overview of ision of efficiently so nortization, and gree, strings, graphs etc. Type (C / O) Elective ling formal specification and specification of the | adations of in compute basic analysic probable probable probable probable development in the computer of the c | problem solving, computational efficiency, r science and computational problems. r science and course such science with a focus on design techniques such science. Illustration of various new concepts ECTS 8 Regorithms for lexical and syntactic analysis, d code generation. Students will write a science will be seen to be seen and discussion of the science of the scie |
| of Algorithms | The main objective of and experience in the Introduction to the masymptotically, bound as divide-and-conque through algorithms at Code CME 473 Introduction to compiniternal representation compiler for a reason The phases of compil modern compiler issue Code CME 474 To help students gain computational methoproblems (4) Experie An introduction to the comprising an organibiology. A discussion microarray data and support the compiler and succession of the comprising an organibiology. A discussion microarray data and succession in the comparation of the comprising an organibiology. A discussion microarray data and succession in the comparation of the comparation of the comprising an organibiology. A discussion microarray data and succession of the comparation of t | f this course is to provide design and implementation in concepts of design and ding sums, and solving rere, randomization, dynamic opplied to problems related Semester Fall liler organization and implementation of the source program, sably large subset of a condition, lexical analysis, pales. Semester Fall (1) An understanding of ds and algorithms applicance with computational be use of computer science sm. An overview of string in of the concepts on sample sene expression analysis. | the students with a con of algorithms cod analysis of algorithms cod analysis of algoricurrences. Discuss programming, and to sets, sequences T+A+L (hour/week) 03+00+00 ementation, includes the mantic analysis, temporary languagersing, type checking the companion of the compa | knowledge on four ommonly employed thms. Overview of ision of efficiently schortization, and gree, strings, graphs etc. Type (C / O) Elective ling formal specification and specification in the service of the servi | adations of in compute basic analysis olvable probes dy algorithm. Local Credit 3 attions and a sent issues an ual machine attion, surve Local Credit 3 anputer scien to design an e analysis of the control or the | problem solving, computational efficiency, r science and computational problems. r science and computations functions alems with a focus on design techniques such such science. Illustration of various new concepts ECTS |

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| Computer Networks | CME 475 | Fall | 03+00+00 | Elective | 3 | 8 |
|---|--|--|--|--|--|--|
| Computing Course Objectives: | ADMONESTICATION TO THE ADMONESTICATION OF THE | | es towards networki | ng in mobile wireles | ss networks | s, as well as specific applications and uses |
| Sourse Objectives. | of these networks | | | | | |
| Course Contents: | Start with principles and works in practice, emphapplication to the hardwards. | nasize how network sof | tware is implemente | d, i.e, to understand | how a com | net and as a model illustrate how networks aplete network operates, all the way from |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Internet Engineering and Web Site Development | CME 476 | Fall | 03+00+00 | Elective | 3 | 8 |
| Course Objectives: | Introduction to basic we | eb design and web deve | elopment technologi | es, the development | of basic sk | tills in HTML and web programming. |
| Course Contents: | * Temel Web Sayfası Y | | | | T 1 | ECTS |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Artificial | CME 480 | Fall | 03+00+00 | Elective | 3 | 8 |
| Intelligence Course Objectives: | Students will gain unde | erstanding on the basics | of artifical intellige | nce. They will learn | logic prog | ramming and how to apply it to problems |
| Course Contents: | related to artifical intell | ligence. They will solve yledge. Search and heu | e problems coming tristic programming. | from application area Logic and logic pro | as related to gramming. | Applications related to problem solving, |
| | games and puzzles, exp | pert systems, planning, | learning, vision, and | l natural language ur | lderstandin Local | g. ECTS |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Credit | 8 |
| Network | CME 482 | Fall | 03+00+00 | Elective | 3 | 8 |
| Management Course Objectives: | 1. To provide informat | ion about telecommuni | cation network struction network manage | ture and component | s 2. To des | rign network management systems 3. To n, performance, security, and accounting |
| ., | management informati | on 5 To provide teleco | ommunication mark | et structure, socioeco | onomic asp | ects |
| Course Contents: | management informati Technologies and proc network standards, pro and data networks, loc (fault, configuration, p | on. 5. To provide teleconesses used to plan, desintocols and architecture all and wide area netwo erformance, security ar | ommunication marking, analysis, optiming. OSI protocol and, rks, and overall netwind accounting) of ne | et structure, socioect ze and manage telec FMN standard. Tele vork management. N twork management. | onomic asp ommunicat communica letwork ma | tion networks including the functions of ation traffic forecasting. Evaluation of voice tragement components and functions: tasks are of networks. Telecommunications market |
| Š | management information Technologies and procure network standards, procured data networks located and data networks. | on. 5. To provide teleconesses used to plan, desintocols and architecture all and wide area netwo erformance, security ar | ommunication marking, analysis, optiming. OSI protocol and, rks, and overall netwind accounting) of ne | et structure, socioect ze and manage telec FMN standard. Tele vork management. N twork management. | onomic asp ommunicat communica letwork ma | cion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks |
| Course Contents: Course Name Distributed Systems | management informati Technologies and proc network standards, pro and data networks, loc: (fault, configuration, p structure, socioeconom Code | on. 5. To provide teleconesses used to plan, desistocols and architecture all and wide area netwo erformance, security artic aspects, services, statements of the security articles and services and services are services. | ommunication marking, analysis, optimis. OSI protocol and, rks, and overall network accounting) of neandard bodies, regulement accounting that the counting of | et structure, socioecte and manage telec FMN standard. Tele work management. It twork management ations and policies. Type (C / O) Elective | onomic asponmunicate communicate communicate Convergen Local Credit | ion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks are of networks. Telecommunications market |
| Course Contents: | management informatic Technologies and procure network standards, procured and data networks, local (fault, configuration, postructure, socioeconomic Code CME 484 Distributed systems and system image. Such a local with in that context, but application, students and prolifering students as a system image. | on. 5. To provide telectesses used to plan, desistocols and architecture all and wide area netwo erformance, security artic aspects, services, statements of the services of t | ommunication marking, analysis, optimizers, optimizers, and overall networks, regularies, regularies, regularies, and overall networks, and overall networks, and overall networks, regularies, regu | et structure, socioecte and manage telec FMN standard. Tele work management. It twork management ations and policies. Type (C / O) Elective I computing. Essantiation spanning from ming distributed system at the system of the system at the system of the system at the | conomic asponemic asponemic asponemic asponemic asponemic accommunicate communicate commun | ion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks are of networks. Telecommunications market ECTS 8 of such a system is possesing a single must o ubiqutious and pervasive systems. explained. From the perspective of ded by both lecture and literature surveys. |
| Course Contents: Course Name Distributed Systems | management informati Technologies and proc network standards, pro and data networks, loca (fault, configuration, p structure, socioeconom Code CME 484 Distributed systems are system image. Such a With in that co ntext, b application, students a This course covers ope systems and system tra synchronization, proces | on. 5. To provide telectesses used to plan, desistocols and architecture all and wide area netwo erformance, security arnic aspects, services, states Semester Fall e highy popular way of basic structure provides pasic and detailed informet expected to produce erating system concepts ansparencies are given. | ommunication marking, analysis, optimia. OSI protocol and, orks, and overall network accounting) of neandard bodies, regulart+A+L (hour/week) 03+00+00 Total approcessing and a base for application on establishing typical examples by the strategies of the provide a single Basic design issues | et structure, socioecte and manage telec FMN standard. Televork management. Network management ations and policies. Type (C / O) Elective I computing. Essantion spanning from mong distributed system utilising the informule system image in a such as resource massive system image in a such as resource massive. | Local Credit 3 all property tobile syste ms will be e ation providistributed tnagement, | ion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks are of networks. Telecommunications market ECTS 8 of such a system is possesing a single tens to ubiqutious and pervasive systems. |
| Course Contents: Course Name Distributed Systems Course Objectives: | management informati Technologies and proc network standards, pro and data networks, loc (fault, configuration, p structure, socioeconom Code CME 484 Distributed systems ar system image. Such a With in that co ntext, t application, students This course covers ope | on. 5. To provide telectesses used to plan, desistocols and architecture all and wide area netwo erformance, security arnic aspects, services, states Semester Fall e highy popular way of basic structure provides pasic and detailed informet expected to produce erating system concepts ansparencies are given. | ommunication marking, analysis, optimia. OSI protocol and, orks, and overall network accounting) of neandard bodies, regulart+A+L (hour/week) 03+00+00 Total approcessing and a base for application on establishing typical examples by the strategies of the provide a single Basic design issues | et structure, socioecte and manage telec FMN standard. Televork management. Network management ations and policies. Type (C / O) Elective I computing. Essantion spanning from mong distributed system utilising the informule system image in a such as resource massive system image in a such as resource massive. | Local Credit 3 all property tobile syste ms will be e ation providistributed tnagement, | rion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks are of networks. Telecommunications market ECTS 8 r of such a system is possesing a single ms to ubiquitious and pervasive systems. explained. From the perspective of ided by both lecture and literature surveys. It environment. Characterization of distributed interprocess communication, file management in distributed systems and ECTS |
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| Course Name Distributed Systems Course Objectives: Course Contents: Course Name Software Quality and Testing Course Objectives: Course Contents: | management information Technologies and proces network standards, processor and data networks, local (fault, configuration, percessor of the structure, socioeconomic Code CME 484 Distributed systems are system image. Such a law With in that context, the application, students a This course covers oper systems and system transplication, processor of the system and system transplication, processor of the students who will technologies 2. Gain a analysis strategies can quality improvements. This course covers sof produce better quality tools and pipelines, are significant subsystem. Code CME 487 | on. 5. To provide telectesses used to plan, desistocols and architecture all and wide area netwo erformance, security artic aspects, services, states Semester Fall e highy popular way of basic structure provide pasic and detailed informet expected to produce erating system concepts ansparencies are given. Semester Fall take this course will: 1 deeper understanding a catch a given type of second and the expected to an existing project feware quality issues an exoftware that is also mend quality models. Studies and undertake unit, interested. | ommunication marking, analysis, optimis. OSI protocol and, rks, and overall network accounting) of neandard bodies, regulare ALL (hour/week) 03+00+00 That a processing and a base for applicating applicating typical examples by a that provide a single Basic design issues tent, consistency control of the | et structure, socioectze and manage telec TMN standard. Tele vork management. N twork management. Atwork management. Type (C / O) Elective I computing. Essanti con spanning from m ng distributed system re utilising the inform te system image in a such as resource ma ttrol, memory manage Type (C / O) Elective ed for quality develor ystems and related b up and use automated of software testing. S the course will discussect groups are required testing. Type (C / O) Elective | Local Credit Local Gredit State property State and Convergen Local Credit Composite syste station provides an agement, and Credit Credit Local Credit Credit Local Credit | ion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks are of networks. Telecommunications market to the forecast and functions to the forecast and functions are presented to the function of the functions |
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| Course Name Distributed Systems Course Objectives: Course Contents: Course Name Software Quality and Testing Course Objectives: Course Contents: | management information Technologies and proces network standards, processor and data networks, local (fault, configuration, percessor of the structure, socioeconomic Code CME 484 Distributed systems are system image. Such a least With in that context, the application, students at This course covers opersystems and system transport of the system and system transport of the students who will technologies 2. Gain at analysis strategies can quality improvements. This course covers sof produce better quality tools and pipelines, are significant subsystem. Code CME 487 This course aims to insoftware modules improduces improvements. | on. 5. To provide telectesses used to plan, desistocols and architecture all and wide area netwo erformance, security artic aspects, services, states Semester Fall e highy popular way of basic structure provide pasic and detailed informet expected to produce erating system concepts ansparencies are given. Semester Fall take this course will: 1 a deeper understanding a catch a given type of story and quality models. Studies and undertake unit, into Semester Fall semester Fall troduce hardware and solemented in smart telesterented in smart | ommunication marking, analysis, optimia. OSI protocol and, 'rks, and overall network accounting) of neandard bodies, regulare the control of | et structure, socioectze and manage telec TMN standard. Tele vork management. Nework management. Nework management. Type (C / O) Elective I computing. Essantion spanning from man guistributed system in generation, memory management. Type (C / O) Elective et for quality development and use automated by and use automated by and use automated by an automated by a spanning. Type (C / O) Elective et groups are required by an automated by a | Local Credit Local Component and distributed in agement and continuous distributed in agement and continuous distributed in agement and credit is different red to component and credit is different red | ion networks including the functions of ation traffic forecasting. Evaluation of voice magement components and functions: tasks are of networks. Telecommunications market to the forecast and functions to the forecast and functions are presented to the function of the functions |

| Information Technologies | CME 488 | Fall | 03+00+00 | Elective | 3 | 8 |
|--|--|----------------------------|----------------------|----------------------|-----------------|--|
| Security | | | | | | |
| Course Objectives: | | | | | | |
| Course Contents: | | | | | | |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Special Topics in Computer Engineering I | CME 489 | Fall | 03+00+00 | Elective | 3 | 8 |
| Course Objectives: | This course provides n special topics cours. | ew and emergent topics i | n computer engine | ering field. We uses | this course | e name as a template to give a new and |
| Course Contents: | The content can chang | e according to special top | oic. | | | |
| Course Name | Code | Semester | T+A+L (hour/week) | Type (C / O) | Local Credit | ECTS |
| Special Topics in | CME 490 | | 03+00+00 | | | |
| Computer | | Fall | × | Elective | 3 | 8 |
| Engineering II | | | | | | |
| Course Objectives: | The aim of this course | is to expose the students | to emergent areas | of computer enginee | ering and re | elated topics. |
| Course Contents: | The content will vary | depending on the topics c | overed in the cour | se. | | |

