

course description



این فایل به منظور کمک به متقاضیان تحصیل در کشور ایتالیا توسط گروه فلی تو ایتالی به صورت رایگان تهیه شده است لطفاً از خرید این فایل خودداری فرمایید.

اسفاده از این فایل در صفحات مجازی و وبسایت ها با ذکر نام تهیه کننده بلامانع است.

کانال تلگرام
فلی تو ایتالی



کانال یوتیوب
فلی تو ایتالی



پیج اینستاگرام
فلی تو ایتالی



سایت
فلی تو ایتالی



معرفی فلای تو ایتالی

سلام!

تیم فلای تو ایتالی متشکل از چند دانشجو که فعالیت خودمون را از ماه بهمن سال 1401 آغاز کردیم و هدف تیم ما این است که به شما کمک کنیم تا بتوانید به صورت مستقل و بدون نیاز به مشاوران مهاجرتی برای دانشگاه های ایتالیا اپلای کنید و پذیرش بگیرید . با توجه به اینکه بسیاری از موسسه های مهاجرتی هزینه های بالایی را برای اخذ پذیرش از دانشگاه های ایتالیا از دانشجو دریافت میکنند ، ما تصمیم گرفتیم با تلاش و تجربه خود به دانشجو ها کمک کنیم که بدون هزینه اضافه کار های مهاجرتی خودشون را انجام بدهند .

در این راستا در طی سال های گذشته ویدئو های مختلفی را برای نحوه اپلای کردن دانشگاه های ایتالیا ضبط و منتشر کردیم تا به دانشجویان کمکی کرده باشیم تا بتوانند در این مسیر با کمترین هزینه از دانشگاه های ایتالیا پذیرش بگیرند .

پس اگر سوال یا نیاز به راهنمایی در زمینه مهاجرت تحصیلی به کشور ایتالیا داشتید ، با ما همراه باشید و سوالات خودتون را از ما بپرسید . ما در کنار شما خواهیم بود و شما را همراهی خواهیم کرد .

مدیریت fly to italy



طریق استفاده از فایل

برای استفاده از این فایل ، صفحات بعد را کپی گرفته و به
دانشگاه مبدا ببرید و تاییدات لازم را بگیرید

Department of Electrical & Computer Engineering

Undergraduate Course Descriptions for students of Electrical Engineering

1710103 Introduction to Electrical Engineering

1 Cr.

Basic introduction to some aspects of electrical engineering in different fields.

1730151 Workshop for Computer Programming Fundamentals

0 Cr.

Practical exercises related to the course Computer Programming Fundamentals.

1730155 Computer Programming Fundamentals

3 Cr.

Introduction to computer history, hardware and software Flow charts, Introduction to Programming in C: Functions and memory classes, Arrays and strings, Pointers, Operators, Structures Object oriented programming, Algorithm.

1914106 General Calculus I

3 Cr.

Introduction to Cartesian and Polar coordinates, Complex numbers, complex functions, limit and differential theories, average value theorem, complex integrals, furrier series and transforms, solving equations with furrier series.

2010115 Physics I

3 Cr.

Vectors, motion in one and two dimensions, work and energy, conservation of linear momentum, rotational dynamics, heat and the first law of thermodynamics, entropy and second law of thermodynamics.

2510111 General Technical English for Engineering

3 Cr.

Review on the English grammar, English vocabulary and reading skills.

1710104 Electric Circuits I

2 Cr.

Network graph-Kirchhoff's Laws-Linear and nonlinear components-Dependent and independent sources nodal and mesh analysis-Analysis of resistor circuits-Norton's and Thevenin's theorems -Equivalent resistance Superposition Theorem-Operational amplifier-Capacitor and inductor- RC, RL and RLC circuits- Step response Impulse response-Transient and steady-state responses-Linear time-invariant circuits-Convolution integral Sinusoidal steady-state analysis-Frequency response-Three-Phase circuits. Prerequisite: (Differential Equations), (General Physics II).

1710204 Electrical Safety Principles Workshop

0 Cr.

Safely use test equipment and power tools commonly found in industry.



2010125 Physics II

3 Cr.

Coulomb's law, electric field, Gauss law, electric potential, capacitors, electromotive force and circuits, magnetic field, Amper's law, Faraday's law and induction, Electromagnetic waves, electromagnetic waves.

1914107 Calculus II

3 Cr.

Solving Parametric equations, introduction to spatial coordinates, vectors, matrixes theorem, equation solver systems, differential, gradient vector, curl and Laplacian operator. First second and third order integrals. Cylindrical and spherical coordinates.

1914251 Elementary Differential Equation

3 Cr.

Introduction to Differential equations and how to solve them. curves categories, first order linear differential equations, second order, introduction to methods of solving these equations. Bessel and gamma function. Laplace transform and applications.

2010126 Physics Lab. – Electricity

1 Cr.

Implementing theoretical principles of electricity and electromagnetic.

2010116 Physics lab. I

1 Cr.

Implementing theoretical principles of mechanical physics and thermal physics.

2510317 Specialized English for Electrical Engineering

2 Cr.

Making students familiar with the basic terminology used in the English-speaking professional Electrical texts, preparing students to understand the professional publications in Electrical in the English language and self-formulation of Electrical texts in this language.

2410171 Electricity Workshop

1 Cr.

Fully practical course, which includes basic information about electrical wiring of apartments, demonstrating the concepts of control circuits for industrial uses and working with industrial motors.

1712432 Principles of Biomedical Engineering

3 Cr.

Introduction to the origin of biopotentials, Biomedical signal processing, Biopotential amplifiers, Biopotential electrodes, Medical imaging and Brain computer interface (BCI).



1710203 Electrical Circuits II

3 Cr.

Coupling components and coupled circuits, nodal and mesh analysis, loop and cut-set analysis, natural frequencies, system function and frequency response of LIT Networks, state equations Analysis, network analysis in frequency domain, network theorems (Reciprocity, Thevenin, Norton, substitution, superposition, Telegan), two port networks (Impedance, Admittance, Hybrid and Transmission Matrixes), Graph theory in network analysis, Laplace transform and its application in LIT networks. Prerequisite: Electric Circuits I.

1718217 Electromagnetics

3 Cr.

Vector analysis, Coulomb's and Gauss' laws, electric potential, Laplace's and Poisson's equations, electrostatic fields in material media, electrostatic energy, electric current, Biot Savart's law, magnetic potentials, Faraday's law, magneto static fields In material media, magneto static energy, inductance and mutual inductance, magnetic circuits, displacement current, Maxwell's Equations, Transmission lines . Prerequisite: Calculus II, General Physics II.

1914271 Numerical computation

2 Cr.

This course will emphasize the development of numerical algorithms to provide solutions to common problems formulated in science and engineering. The primary objective of the course is to develop the basic understanding of the construction of numerical algorithms, and perhaps more importantly, the applicability and limits of their appropriate use. The emphasis of the course will be the thorough study of numerical algorithms to understand (1) the guaranteed accuracy that various methods provide, (2) the efficiency and scalability for large-scale systems and (3) issues of stability.

1914252 Engineering mathematics

3 Cr.

Engineering applications of mathematical methods. Topics include ordinary differential equations, linear algebra, calculus, Fourier analysis, Laplace transform and partial differential equations.

1710201 Electric Circuits Lab

1 Cr.

Practicing the concepts of Electrical Circuit I and Electrical Circuit II Prerequisite: Electrical Circuit I, Electrical Circuit 2.

1912296 Engineering Probability and Statistics

3 Cr.

Probability and statistical methods play an important role in many aspects of engineering including forecasts of extreme operating conditions, optimization of industrial processes, quality assurance and design of reliable systems. This course provides an introduction to the theory and practice of probability and statistics in the context of engineering, with an emphasis on modelling. It will provide students with experience in using the high-level statistical package R for the analysis of examples from real applications. Topics covered are: review of descriptive statistics and basic probability, Bayes' theorem; random variables, commonly used discrete and continuous distributions including Bernoulli, binomial, geometric, hypergeometric, Poisson, uniform, exponential, normal, log-



normal, the Poisson process, linear combinations of random variables, central limit theorem; inference for normal means, hypothesis tests, type 1 and type 2 error rates, confidence intervals, single sample, two independent samples, paired samples, inference for proportions; SPC, the Xbar chart, control limits, runs rules, process capability, general control charts, cusum charts; regression and correlation, simple linear regression, least squares estimation, inference for regression coefficients, prediction and estimation, regression diagnostics; multiple linear regression, least squares estimation, inference, prediction and estimation, diagnostics.

1714297 Electric Machines I

2 Cr.

Magnetic circuits, magnetic field energy, force and torque in electromagnetic system, DC machines: machine construction, review and determination of electromotive force (emf), armature winding, armature reaction, compensating windings, types of machine excitations, load characteristics of motor and generators. Control of DC motors, loss and efficiency, parallel connection of DC generators, various applications of DC machines.

1712236 Electronics Principles

4 Cr.

N and P type semiconductors, current equation for PN junctions, diode small signal equivalent circuit, diode circuits, half-wave and full-wave rectifiers, clipping circuits, clamping circuits, voltage multipliers, Bipolar Junction Transistors (BJTs) and their biasing circuits, low frequency and small signal equivalent circuits of BJT transistors, single-stage BJT amplifiers, introduction to MOS transistors, single-stage MOS amplifiers, introduction to Differential Amplifiers, introduction to Operational Amplifiers and some of their applications, Feedback Amplifiers concept, Introduction to some simple digital circuits like CMOS logical gates. Prerequisite: (Electrical Circuits II).

1718204 Signals & Systems Analysis

3 Cr.

Primary definitions of systems and signal, various kinds of systems, introduction to modeling of various physical systems, analysis of linear and time independent (continuous and discrete) systems, impulse response, convolution integral, Fourier analysis, energy density, spectrum and power sampling theorem, system analysis by Laplace transform, signal flow graphs, system analysis in state space (continuous and discrete), Z transform, discrete systems analysis by the Z transform. Prerequisite: (Engineering Mathematics).

1732203 Digital System Design I

3 Cr.

Number systems, Boolean algebra and related rules, Logic functions and their reduction, Logic gates and logic families (such as RTL, DTL, TTL, ECL, CMOS). Combinatorial circuits (such as comparators, coders, code converters, combiners), Sequential circuits (such as flip-flops, shift registers, counters, synchronous and asynchronous logic circuits), study of various types of codes.

1732204 Digital system design I Lab

1 Cr.

Practicing concepts of the course, Digital System Design I.



1712404 Pulse Technique Laboratory

1 Cr.

Monostable multivibrator, stable multivibrator, Schmitt trigger, IC 55, free running sweep, two-tone generator, signal shaping, S & H circuits, voltage controlled oscillator, voltage controlled multivibrator, analog switch. Prerequisites: Pulse Techniques, Electronics Principles Lab.

1734102 Advanced Computer Programming and Lab

4 Cr.

In depth C++ programming, Introduction of UI design QT and mobile programming (Android, IOS). Complementary issues of C programming, Memory management, In depth understanding of C++ codes, Coding relation with operating system, file management, IO streams, clear implementing basic data structures like link lists, Generic programming, Implementation of inheritance and its related issues in C++, Operator overloading, Graphical interface design using QT. Multithreading essentials, exception handling, object oriented programming principles, comparing C++ with other languages (C# , java , ...), Debugging and testing of programs, Function calling conventions, Dynamic memory coding. Introduction to functional programming. Developing dynamic-linklibraries. Using OpenCv library as an example (Loading image, matrix manipulation...). Prerequisite: Computer Programming and Lab.

1740403 Technical Writing and Presentation

2 Cr.

1. Study of principles of oral and written presentations. 2. Basic concepts of authenticity and plagiarism. 3. General concepts of technical publication and its structure, including: (Title, abstract, keywords, introduction, main body, conclusions, references, appendices, etc.), structure of reports (lab reports, term papers, thesis, etc.). 4. Oral presentations (preparation, sets and tools). Prerequisite: Technical English for Computer Majors, Engineering Mathematics

1712237 Electronic Principles Lab

1 Cr.

Practicing concepts of the course, Electronic Principles.

1714303 Energy Systems Analysis I

3 Cr.

This course examines the fundamental of power systems to 3rd year undergraduate students. It covers analysis of 3 phase ac systems in depth, calculation of power transmission lines parameters, steady state and transients' behavior of power transmission lines, power system model for computer simulations, dc power flow, an introduction electricity market, and an introduction to energy distribution systems. Prerequisites: Electric Machines, Engineering Mathematics.

1714396 Electric Machines II

2 Cr.

This course teaches the fundamental concepts of electromechanical energy conversion. It covers an introduction to magnetic circuits and transformers, energy conversions, ac (induction and synchronous) and dc machines. Students are expected to learn the basics of electromechanical energy conversion and equivalent circuits for steady state analysis of transformers, dc, induction ac machines as well as synchronous machines.



1716312 Linear Control Systems

3 Cr.

Feedback control systems and primary definitions, block diagram and Mason's signal-flow gain formula, input-output modeling, transfer functions $G(s)$, zeros and poles of transfer functions, DC servo-motor systems, Linearization, state space modeling and its relation to input-output modeling, analyzing of transient and steady state parts of system response, kinds of systems, dominate poles, definitions of BIBO-stability, investigation of system stability by the methods of root locus and Routh-Hurwitz, control system design and compensators in time-domain such as Lead-Lag and PID controllers, frequency response and Bode diagram, Gain margin and Phase margin, control system design and compensators in frequency-domain such as Lead-Lag and PID controllers.

1718303 Communication Systems Principles

3 Cr.

Short description of an analog communication system, analysis of deterministic signals in frequency domain, analysis of random signals, noise in communication systems, white noise, noise temperature, noise band-width, signal transmission in base band, linear distortion, nonlinear distortion, analog modulation systems, analysis of linear modulations such as AM, VSB, DSB, and SSB, linear modulation and demodulation techniques also combined with FDM, nonlinear modulation techniques such as PM and FM, noise and interference effects on various types of modulation, pulse modulation, survey of sampling techniques for analog pulse modulations such as PAM, PPM, and PDM, familiarity with digital modulation systems such as FSK, PSK, and ASK.

1732303 Digital Systems Design II

3 Cr.

Computer Abstractions and Technology, Instructions: Language of the Computer, The Processor: Datapath and Control, Enhancing Performance with Pipelining, The AVR Microcontroller: History and Features, AVR Architecture and Assembly Language Programming, Branch, Call, and Time Delay Loop, AVR I/O Port Programming, Arithmetic, Logic Instructions, and Programs, AVR Advanced Assembly Language Programming, AVR Programming in C, AVR Timer Programming in Assembly and C, AVR Interrupt Programming in Assembly and C, AVR Serial Port Programming in Assembly and C, LCD and Keyboard Interfacing, ADC, DAC, and Sensor Interfacing, PWM Programming and DC Motor Control in AVR.

1710417 Industrial Electronics

3 Cr.

Introduction to power electronics, Power semiconductor devices : Diode, BJT, SCR, MOSFET, IGBT, DIAC, TRIAC, GTO, ..., Rectifiers : Single phase, Three phase, Six phase, Controlled, Uncontrolled, Resistive load, Inductive load, Source inductance considerations, DC-DC switching converters : Linear regulators, Basic converters- Buck, Boost, Buck-Boost, Cuk, Isolated Buck type converters: Forward, Dual switch forward, PushPull, Half bridge, Full bridge, Flyback converter, Snubber circuits : Turn on snubber, Turn off snubber, Inverters : Half bridge and Full bridge inverters with inductive and resistive loads, Three phase, inverters (120 degrees conduction, 180 degrees conduction), AC-AC converters : Cycloconverters AC-DC-AC, AC voltage controllers, Power electronics applications.

1310426 Economics and Industrial Management

2 Cr.

Consumption theory, production theory, market theory.



1714304 Electric Machine Lab I

1 Cr.

Practicing concepts of the course, Electric Machine I.

1712325 Analog and digital Electronics I

3 Cr.

Power amplifiers, Two-Stage Amplifiers, Cascade Amplifier, Current mirror circuits, Differential amplifier, various feedback topologies, Operational Amplifiers Application Circuits, Digital Section: Analysis of the static and dynamic behavior of TTL and CMOS logic families.

1718449 Hardware and Circuit Description Languages (FPGA)

3 Cr.

This course explores Field Programmable Gate Array (FPGA) architectures, HDL synthesis/ place and route, FPGA configuration, hardware validation and embedded MCU solutions. The course curriculum consists of modules that teach a broad range of FPGA design topics, while hands on laboratory experiments exercise lecture content. This course is designed to provide students material to gain a working understanding of FPGA architectures, design methodologies, FPGA development tools, prototyping hardware, FPGA synthesis, place and route and FPGA image generation.

1914239 Applied Linear Algebra

3 Cr.

Vector spaces Basis, dimensions Gram-Schmidt process, projections, linear transformations, isomorphism, change of basis, Eigen values and Eigen vectors, Diagonalizations, Jordon canonical forms, Hermitian matrices, exponential of a matrix.

1712444 Physics of Electronics

3 Cr.

Quantum mechanics basics, free carriers in semiconductors, PN-junction, Metal-Semiconductor Junction, Bipolar Junction Transistors, Metal-Oxide-Semiconductor Field-Effect-Transistor.

1730430 Fundamental of Internet of Things

3 Cr.

This course provides an overview of IoT technologies. It will look at each of the elements that compose their ecosystem, so you can identify the main IoT system components and understand how they interact.

1712312 Pulse Techniques

3 Cr.

Pulse shaping by active and passive circuits, linear systems In pulse regimes, comparators, Schmitt triggers, single state and double state and oscillating multi vibrators, negative resistance and its uses, pulse amplifiers, circuits for linear voltage variation, triggering, operational amplifiers in pulse techniques.

1732308 Digital Systems Design Lab. II

1 Cr.

Practicing concepts of the course, Digital Systems Design II.



1716401 Linear Control Systems Lab.

1 Cr.

Practicing concepts of the course, Linear Control Systems.

1718402 FPGA Lab.

1 Cr.

Practicing concepts of the course, FPGA.

1718450 Digital Signals Processing

3 Cr.

This course provides an introduction to digital signal processing for both undergraduate and for graduate students. In this course, a detailed examination of basic digital signal processing operations including sampling/reconstruction of continuous time signals, Fourier and Z-transforms will be given. The Fourier and Z-transforms will be used to analyze the stability of systems, and to find the system transfer function. The discrete Fourier transform (DFT) and fast Fourier transform (FFT) will be studied. Finally, we will examine time and frequency domain techniques for designing and applying infinite impulse response (IIR) and finite impulse response (FIR) digital filters. Two-dimensional signals and introductory image processing operations will also be discussed.

1712304 Analog and Digital Electronics 2

3 Cr.

Small signal models of field effect transistors and Bipolar junction transistors at high frequencies, frequency response of the circuits, design and analyze of cascade amplifiers at low and high frequencies using open circuit and short circuit time constants, tuned amplifiers wideband amplifiers, feedback and stability, frequency compensation, high frequency oscillators, current mirrors and active loads, operational amplifier behavior at high frequency, unity gain compensation.

1732316 Embedded system Design

3 Cr.

Introduction to embedded systems design(Common characteristics), SPECIFICATIONS AND MODELING(Model of computation, Early design phases, Communicating finite state machines, Timed automata, Statecharts), EMBEDDED SYSTEM HARDWARE (Sensors, Sample-and-hold circuits, A/D-converters, Processing unit, Thumb Instruction Set , Code Compression , DSP Processors , Floating point vs. fixed Point , Streaming SIMD, Extensions, reconfigurable Logic, Memories, Communication, CAN,D/A-converters, Sampling theorem), SYSTEM SOFTWARE (Embedded Operating Systems, RTOS, Scheduling in real-time systems, Middleware, MPI), IMPLEMENTING EMBEDDED SYSTEMS HARDWARE/SOFTWARE CODESIGN (High-level optimizations, Compilers for embedded systems, Power Management and Thermal Management) Prerequisite: Microprocessor I.

1718448 Digital communication

3 Cr.

This course gives students deep knowledge in modern digital communication systems at the theoretical & practical level. Introduces the most advanced standards & outlines the future of digital wireless communication systems & networks. The course will focus on the modulation and demodulation concepts, Noise in communication systems, Random signal theory and coding algorithms & will therefore supply students with essential skills to work in the communication industry & in mobile communication networks in particular.



1718312 Fields and Waves

3 Cr.

Maxwell's equations in time varying fields; boundary conditions, wave equations, plane wave propagation in unbounded media, polarization, pointing, s theorem, reflection and transmission at boundaries between media, wave equation in cylindrical waveguides, rectangular and cylindrical waveguides, dielectric waveguides, transmission lines, steady state and transient response, Smith chart, impedance matching, stub tuning. Prerequisite: Electromagnetics, Engineering Mathematics.

1740417 Computer Networks

3 Cr.

This undergraduate course provides an overview on networking and Internet. The course covers the following topics: Introduction (Protocol, Access Net, Physical Media, Packet/Circuit Switching, Internet Structure, Performance: Loss, Delay, Throughput, Introduction to Network Security, Protocol Layers), Application layer (Principles of Network Applications, Web and HTTP, FTP, SMTP, POP3, DNS, TCP and UDP Sockets), Transport Layer (Transport-layer services, Multiplexing and demultiplexing, Connectionless transport: UDP, Principles of reliable data transfer (Rdt protocol, Stop and Wait, Go-back-N, Selective repeat), Connectionoriented transport: TCP (Segment structure, Reliable data transfer, Flow control), Connection management (Principles of congestion control, TCP Congestion Control), Network Layer (Virtual circuit and datagram networks, Inside a router, Internet Protocol, DHCP, NAT, ICMP, IPv6 Addressing), Link layer and LANs (Framing, Flow control, Half-duplex and full-duplex, Error detection and correction, Multiple access protocols) Prerequisite: 75 Cr. and Computer Architecture.

1718425 Communication Circuits

3 Cr.

Introduction to RF circuits, impedance matching circuit design. RF transistors and small signal RF amplifier design, LC oscillator design, introduction to phase locked loops (PLL), design and their application in RF circuits. Mixer, Modulator/ Demodulator circuits, Architecture of transceivers. Noise and noise modeling. Prerequisite: Communication Systems Principles, Electronics Principles.

1718436 Fundamentals of Wireless Communication

3 Cr.

Preliminaries : historical overview, modern wireless communication systems, overview of wireless standards, Cellular Architecture : cellular layout, channel reuse and system capacity, cell splitting and sectorization, Erlang capacity, Handoff, power control, Channel modeling : free space propagation, large – scale path loss and shadowing, small – scale multi – path fading, Raleigh and Rican models, delay spread and frequency coherence, Doppler shift and time coherence, level crossing and average fade duration. Modulation Techniques: digital modulation for fading channels, PSK, MPSK, FSK, Differential MPSK, OPSK, MSK, GMSK, Multi carrier communications and OFDM, Error probability in the Absence and presence of channel fading. Diversity, coding and equalization: channel impairment, mitigation techniques, diversity techniques, methods of combining, MIMO systems, channel coding and interleaving, equalization. 1 G and 2G TDMA standards: AMPS, GSM, a quick review of digital AMPS, control channels in GSM. Mobility management: handoff, location update, paging, exchange of control message for mobility management, optimization of location areas. CDMA systems and standards: direct sequence and frequency hopping spread spectrum systems, CDMA. rake receivers. an introduction to modern wireless networks. Prerequisite: Communication Systems Principles, Engineering Probability.



1718406 Digital Communication Lab

1 Cr.

Practicing concepts of the course, Digital Communication.

1710404 Industrial Electronics Lab.

1 Cr.

Practicing concepts of the course, Industrial Electronics.

2710131 Physical Education

1 Cr.

Body training.

2710135 Physical Recreation I

1 Cr.

Professional training in a specific sport.

2610051 Subjective Interpretation of Koran

2 Cr.

Practice of Koran.

8010021 Basic skills of the life I

0 Cr.

Teaching basic skills of life.

8010022 Basic skills of the life II

0 Cr.

Teaching basic skills of life.

2610011 Islamic Thoughts I

2 Cr.

A review on the lives of the prophets and Islam's Imams.

2610012 Islamic Thoughts II

2 Cr.

A review on the lives of the prophets and Islam's Imams.

2610031 Islamic Revolution

2 Cr.

A review on causes of Islamic revolution.

2610022 Islamic Ethics

2 Cr.

A review on interpretation of QURAN.

2610033 Imam Khomeini's Political Thought

2 Cr.

A review on the Islamic thoughts, beliefs and values of Imam Khomeini.

2610252 Persian Literature

3 Cr.

Persian poetry, Persian novels, Figure of speech, History of Persian literature.

2610042 Analytical History of Early Islam

2 Cr.

Review of history of early Islam.

2610023 Life style

2 Cr.

A review on the doctrine and content of holy Quran about life style.

2610041 History of Islamic Culture and Civilization

2 Cr.

A review on events happening during Civilization and what happens afterwards

2610013 Human in Islam

2 Cr.

Review human responsibilities in Islam.

