



# Universidad Autónoma de Guadalajara

EL QUE SUSCRIBE, SUB-DIRECTOR DE SERVICIOS ESCOLARES DE LA UNIVERSIDAD AUTONOMA DE GUADALAJARA CON RECONOCIMIENTO DE VALIDEZ OFICIAL DE ESTUDIOS SEGUN EL ACUERDO NO. 158 DE LA SEP, DE FECHA 26 DE JULIO DE 1991, HACE CONSTAR QUE EL ALUMNO: **LOPEZ DIAZ EZEQUIEL** CON NUMERO DE REGISTRO **2012766** CURSO Y ACREDITO EN EL PLAN DE ESTUDIOS DE **INGENIERO EN ELECTRONICA BIOMEDICA** LAS SIGUIENTES MATERIAS CON UN PROMEDIO DE 8.4 (OCHO PUNTO CUATRO )

MATERIA	PER	CAL	CREDS.
FISICA GENERAL	200902	9	8
INTRODUCCION A LA INGENIERIA BIOMEDICA	200902	9	8
LOGICA	200903	10	4
ALGEBRA Y GEOMETRIA ANALITICA	200903	7	8
MANEJO DE EQUIPO	200903	9	6
DISEÑO LOGICO	201001	9	10
MORFOLOGIA	201001	7	8
SISTEMAS HIDRONEUMATICOS I	201001	7	7
CALCULO DIFERENCIAL E INTEGRAL	200902	10	8
ECUACIONES DIFERENCIALES	200902	8	7
SIMULACION ELECTRONICA	200903	10	8
DINAMICA DE SISTEMAS FISICOS	201001	8	10
FISIOLOGIA	201002	7	7
ANALISIS DE CIRCUITOS ELECTRICOS	201002	8	5
DISPOSITIVOS ELECTRONICOS	201003	7	8
ANTROPOLOGIA FILOSOFICA	200903	8	4
PROGRAMACION DE COMPUTADORAS	200902	10	7
CALCULO VECTORIAL	200902	9	7
PRACTICA PROFESIONAL INTEGRATIVA I	200903	9	4
PRÁCTICA PROFESIONAL INTEGRATIVA II	201101	9	4
ELECTRONICA ANALOGICA	201002	10	8
DISEÑO DE SISTEMAS DIGITALES	201002	10	8
EQUIPO MEDICO I	201001	8	7
PROGRAMACION AVANZADA I	201001	9	8
ARTQUITECTURA DE MICROCONTROLADORES	201003	6	9
PRÁCTICA PROFESIONAL INTEGRATIVA III	201002	9	4
PRÁCTICA PROFESIONAL INTEGRATIVA IV	201003	9	4
METODOS NUMERICOS	200903	10	5
EQUIPO MEDICO II	201003	9	7
INSTRUMENTACION BIOMEDICA	200902	9	8
DISEÑO DE SISTEMAS CON MICROPROCESADORES	201101	9	9
ALGEBRA LINEAL	200902	8	8
PROBABILIDAD Y ESTADISTICA	200902	8	7
EQUIPO MEDICO III	201101	9	7
AMPLIFICACION DE SEÑALES	201101	9	9
SEÑALES Y SISTEMAS	201101	6	8
ARQUITECTURA DEL PROCESADOR DIGITAL DE SEÑALES	201102	6	9
INGENIERIA ECONOMICA	200903	10	4
REDES DE COMPUTADORAS I	200902	8	7
ELECTRONICA DE POTENCIA	201101	9	8
TEORIA DE CONTROL	201003	10	8
NORMATIVIDAD HOSPITALARIA	201103	6	6
INGENIERIA CLINICA	201103	6	9
INTERFASES Y PERIFERICOS	201103	8	8
PRÁCTICA PROFESIONAL INTEGRATIVA VI	201103	10	4
PRÁCTICA PROFESIONAL INTEGRATIVA V	201102	9	4
REDES DE COMPUTADORAS II	200903	9	7

ESTA CONSTANCIA AMPARA CUARENTA Y SIETE MATERIAS QUE CUBREN TOTALMENTE EL PLAN DE ESTUDIOS DE LA CARRERA ANTES MENCIONADA.

ESCALA DE CALIFICACIONES ES DE 5 AL 10; MINIMO DE APROBACION ES DE 6

A PETICION DEL INTERESADO Y PARA LOS FINES QUE A EL CONVenga SE EXTIENDE LA PRESENTE EN LA CIUDAD DE GUADALAJARA, JAL., A DOS DIA(S) DEL MES DE JULIO DEL DOS MIL VEINTICUATRO

ATENTAMENTE  
' CIENCIA Y LIBERTAD '  
SUB-DIRECTOR DE SERVICIOS ESCOLARES  
MTRO. JEAN CARLO SIMON VAZQUEZ



# Universidad Autonoma de Guadalajara



Official Seal

WHO SUBSCRIBES, DEPUTY OF SCHOLASTIC SERVICES OF THE UNIVERSIDAD AUTONOMA DE GUADALAJARA, WITH RECOGNITION OF OFFICIAL VALIDITY OF STUDIES ACCORDING TO AGREEMENT NO. 158 OF THE SEP, DATED 26 OF JULY OF 1991, MAKE RECORD THAT THE STUDENT:

**LOPEZ DIAZ EZEQUIEL** WITH REGISTRATION NUMBER **2012766**  
STUDIED AND PASSED IN THE COURSES OF:  
**BIOMEDICAL ELECTRONICS ENGINEER**

THE FOLLOWING SUBJECTS WITH AN AVERAGE OF 8.4 (EIGHT POINT FOUR)

<u>SUBJECT</u>	<u>PER</u>	<u>QUA</u>	<u>CRED.</u>
GENERAL PHYSICS	200902	9	8
INTRODUCTION TO BIOMEDICAL ENGINEERING	200902	9	8
LOGIC	200903	10	4
ALGEBRA AND ANALYTICAL GEOMETRY	200903	7	8
TEAM MANAGEMENT	200903	9	6
LOGICAL DESIGN	201001	9	10
MORPHOLOGY	201001	7	8
HYDROPNEUMATIC SYSTEMS I	201001	7	7
DIFFERENTIAL AND INTEGRAL CALCULUS	200902	10	8
DIFFERENTIAL EQUATIONS	200902	8	7
ELECTRONIC SIMULATION	200903	10	8
DYNAMICS OF PHYSICAL SYSTEMS	201001	8	10
PHYSIOLOGY	201002	7	7
ANALYSIS OF ELECTRICAL CIRCUITS	201002	8	5
ELECTRONICS DEVICES	201003	7	8
PHILOSOPHICAL ANTHROPOLOGY	200903	8	4
COMPUTER PROGRAMMING	200902	10	7
VECTOR CALCULUS	200902	9	7
INTEGRATIVE PROFESSIONAL PRACTICE I	200903	9	4
INTEGRATIVE PROFESSIONAL PRACTICE II	201101	9	4
ELECTRONIC ANALOGUE	201002	10	8
DIGITAL SYSTEMS DESIGN	201002	10	8
MEDICAL TEAM I	201001	8	7
ADVANCED PROGRAMMING I	201001	9	8
MICROCONTROLLER ARCHITECTURE	201003	6	9
INTEGRATIVE PROFESSIONAL PRACTICE III	201002	9	4
INTEGRATIVE PROFESSIONAL PRACTICE IV	201003	9	4
NUMERICAL METHODS	200903	10	5
MEDICAL EQUIPMENT II	201003	9	7
BIOMEDICAL INSTRUMENTATION	200902	9	8
MICROPROCESSOR SYSTEM DESIGN	201101	9	9
LINEAR ALGEBRA	200902	8	8
PROBABILITY AND STATISTICS	200902	8	7
MEDICAL EQUIPMENT III	201101	9	7
SIGNAL AMPLIFICATION	201101	9	9
SIGNALS AND SYSTEMS	201101	6	8
DIGITAL SIGNAL PROCESSOR ARCHITECTURE	201102	6	9
ECONOMIC ENGINEERING	200903	10	4
COMPUTER NETWORKS I	200902	8	7
POWER ELECTRONICS	201101	9	8
CONTROL THEORY	201003	10	8
HOSPITAL REGULATIONS	201103	6	6
CLINICAL ENGINEERING	201103	6	9
INTERFACES AND PERIPHERALS	201103	8	8
INTEGRATIVE PROFESSIONAL PRACTICE VI	201103	10	4
INTEGRATIVE PROFESSIONAL PRACTICE V	201102	9	4
COMPUTER NETWORKS II	200903	9	7

THIS TRANSCRIPT COVERS FORTY-SEVEN SUBJECTS THAT COMPRISES FULLY THE CURRICULUM THE MENTIONED ABOVE CAREER.

SCALE OF GRADE IS FROM 5 TO 10; BEING 6 THE MINIMUM GRADE TO PASS

THIS DOCUMENT IS ISSUED AT THE REQUEST OF THE INTERESTED PARTY AND FOR HIS CONVENIENT PURPOSES AT THE CITY OF GUADALAJARA, JAL., ON JULY 2, 2024

SINCERELY  
'SCIENCE AND LIBERTY'  
DEPUTY OF SCHOLASTIC SERVICES

(Signed)

MSTR. JEAN CARLO SIMON VAZQUEZ



Seal

Who subscribes **Alfredo Contreras Herrera**, authorized translator for the H. Supreme Court for the State of Jalisco with registration number **CHA291010-39** I CERTIFY: that the document that presides is a correct and exact translation according to my belief and is originally written in Spanish and translated to English.

Contains **2 two** pages on one side.

Atotonilco el Alto, Jalisco; July 15, 2024.

**LIC. ALFREDO CONTRERAS  
HERRERA**

PERITO TRADUCTOR  
INGLÉS/ESPAÑOL VICEVERSA  
AUTORIZADO POR EL SUPREMO  
TRIBUNAL DE JUSTICIA DEL  
ESTADO DE JALISCO  
No. REG. CHA292020-39