Hochschule Zittau/Görlitz
UNIVERSITY OF APPLIED SCIENCES

ECTS-Datenabschrift
TRANSCRIPT OF RECORDS

ECTS – EUROPEAN CREDIT TRANSFER SYSTEM

Einrichtung

Hochschule Zittau/Görlitz – University of Applied Sciences

Student

Name:	**Abundis Mosqueda**	*Vorname:*	**Leonardo Samuel**
Geburtsdatum, -ort:	13. November 1996 in Mexico City	*Geschlecht:*	männlich
Studiendauer:	01. September 2018 - 05. November 2019	*Matrikelnr.:*	217214
Studiengang:	Automatisierung und Mechatronik		
Studienrichtung:	MDHK Mexiko		

Prüfungs-nummer		Lehrfach	ECTS-Punkte	Note
2100	213450	Advanced Communications	5	**3,3**
2300	214350	Artificial Neural Networks	5	**1,0**
2400	214950	Image Processing Bachelor	5	**1,0**
2500	214900	Mechatronics Project Work	10	**1,0**
2600	216500	Microcontrollers	5	**1,0**
6900	234300	Wissenschaftliches Arbeiten	8	**Testat**
7600	242750	Praktikum International	10	**1,0**
		Entwicklen eines funktionalen 3D-Demonstrationsmodells der Werkzeuglenkeinheit im Bohrloch		
	234650	Abschlussmodul (Bachelor-Arbeit und Verteidigung)	12	**1,0**
		Drahtlose Kommunikation für das funktionale 3D-Demonstrationsmodell der Werkzeuglenkeinheit im Bohrloch		

ECTS-Punkte: 60

b. w.

Prüfungs-nummer		Lehrfach	ECTS-Punkte	Note
Sonstige Leistungen				
2900	101380	Regelungstechnik II	5	**1,7**

Notensystem:

Institutionelle Note

1	(1,0 – 1,5)	sehr gut	ausgezeichnete Leistungen und nur wenige unbedeutende Fehler
2	(1,6 – 2,5)	gut	überdurchschnittliche Leistungen, aber einige Fehler
3	(2,6 – 3,5)	befriedigend	mittelmäßig, jedoch mit einigen grundlegenden Fehlern
4	(3,6 – 4,0)	bestanden	Leistungen entsprechen den Mindestanforderungen
5	(ab 4,1)	nicht bestanden	erhebliche Verbesserungen erforderlich

Aufschlüsselung ECTS-Leistungspunkte:

1 volles akademisches Jahr	60 ECTS Punkte
1 Semester	30 ECTS Punkte

05. November 2019

Dr. Stefan Kühne - Dezernent Studium und Internationales

Hinweis : Dieses Dokument ist nur mit Unterschrift des ECTS Verantwortlichen und offiziellem Hochschulsiegel gültig

Stempel der Einrichtung

FREISTAAT SACHSEN
HOCHSCHULE ZITTAU/GÖRLITZ

Hochschule Zittau/Görlitz
UNIVERSITY OF APPLIED SCIENCES

TRANSCRIPT OF RECORDS

ECTS – EUROPEAN CREDIT TRANSFER SYSTEM

Institution

Hochschule Zittau/Görlitz – University of Applied Sciences

Student

Name:	**Abundis Mosqueda**	*First name:*	**Leonardo Samuel**
Date and place of birth:	13 November 1996 in Mexico City	*Sex:*	male
Period of study:	1 September 2018 to 5 November 2019	*Student ID:*	217214
Major field of study:	Automation and Mechatronics		
Specialisation:	MDHK Mexico		

Course Code		Course Title	ECTS Credits	Local Grade
2100	213450	Advanced Communications	5	**3,3**
2300	214350	Artificial Neural Networks	5	**1,0**
2400	214950	Image Processing Bachelor	5	**1,0**
2500	214900	Mechatronics Project Work	10	**1,0**
2600	216500	Microcontrollers	5	**1,0**
6900	234300	Scientific Work Skills	8	**passed**
7600	242750	Internship International	10	**1,0**
		Develop a functional 3D demonstration model of the downhole tool "steering unit"		
	234650	Bachelor´s Thesis and Defence	12	**1,0**
		Wireless communication for the functional 3D-demonstration model of the downhole tool "steering unit"		

ECTS Credits: 60

p. t. o.

Course Code		Course Title	ECTS Credits	Local Grade
Electives				
2900	101380	Automatic Control II	5	1,7

Explanation of the institutional grading system:

Institutional Grade

1	(1,0 – 1,5)	excellent/very good	outstanding performance with only minor errors
2	(1,6 – 2,5)	good	above the average standard but with some errors
3	(2,6 – 3,5)	satisfactory	fair but with a number of notable errors
4	(3,6 – 4,0)	sufficient	performance meets the minimum criteria
5	(from 4,1)	fail	considerable further work is required

Explanation ECTS credits:

1 full academic year	60 ECTS credits
1 semester	30 ECTS credits

5 November 2019

Stamp of the institution

Dr. Stefan Kühne - Head of Student Services and International Relations

NB : This document is not valid without the signature of the registrar/dean/administration officer and the official stamp of the institution

INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

Campus Santa Fe

The Office of the Registrar of the Instituto Tecnológico y de Estudios Superiores de Monterrey certifies that the student named in this document has credited the subjects listed below in the academic periods cited. The studies certified by this document are officially valid in the entire country in accordance with the Presidential Decree of July 24, 1952, published in the Diario Oficial de la Federación of September 12, 1952 and Agreement Number 3438 issued by the Ministry of Public Education on February 28, 1974 and published in the Diario Oficial de la Federación on March 5 of the same year. The Tecnológico de Monterrey is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call (+1) 404-679-4500 for questions about the accreditation of the Tecnológico de Monterrey. Courses are given in eighteen-week semesters, or in five-week periods, on an intensive basis. Semesters begin in August and February. Intensive courses begin in June and January are given in the same number of hours as in the semesters. In some of the graduate programs, courses are given in twelve-week trimesters, beginning in January, April and September. The grading scale is from 1 to 100. The minimum passing grade is 70

Name Leonardo Samuel Abundis Mosqueda

INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY
13-May-2021
DIRECCIÓN DE SERVICIOS ESCOLARES

Date May 13th, 2021 *Registration number* 1019625

This document was issued at México,Ciudad de México

Ing. Ricardo Chavelas Manzo
Registrar

This document certifies studies in B.S. MECHATRONICS ENGINEERING

Name of course	*Grade*	*Name of course*	*Grade*
August - December 2015		Foreign Language	82
Physics I	86	Dynamics	75
Verbal Expression and Analysis	86	Mathematics III	95
Mathematics I	77	Differential Equations	89
Introduction to Mechatronics		Electrical Circuits I	76
Engineering	96	Computer Drawing	96
Chemistry	86	**January - May 2017**	
Problem Solving with Programming	84	Numerical Methods in Engineering	90
Natural Sciences and Sustainable		Advanced Mathematics	79
Development	90	Logic Automatisms	77
January - May 2016		Logic Automatism Laboratory	95
Physics II	82	Electrical Circuits II	73
Humanities and Fine Arts	88	Economy to Business Creation	87
Statics	92	Analysis of Signals and Systems	90
Mathematics II	70	**August - December 2017**	
Industrial Informatics	80	Thermodynamics	86
Chemistry Laboratory	89	Mechanics of Materials	89
Verbal Expression in the Workplace	80	Probability and Statistics	96
June - July 2016		Mechatronic Instrumentation	
Electricity and Magnetism	84	Laboratory	91
Ethics, Self and Society	87	Electronics	97
August - December 2016		Entrepreneurship	95
CONTINUED NEXT COLUMN		OVER	

Name Leonardo Samuel Abundis Mosqueda *Registration number* 1019625

Name of course	*Grade*	*Name of course*	*Grade*
Control Engineering	91		
January - May 2018			
Mechanism Analysis and Simulation	88		
Materials Technology	89		
Actuators	91		
Applied Electronics	95		
Manufacturing Technologies	94		
Microcontrollers	83		
June - July 2018			
Applied Ethics	97		
August - December 2018			
Computerized Control	93		
Mechatronic Design	100		
Mechatronics Laboratory	100		
Topics II	100		
Topics III	100		
Topics IV	100		
January - May 2019			
Integral Electronics Laboratory	87		
Project Evaluation and Management	100		
Topics I	87		
Project of Mechatronics Engineering	100		
January - February 2020			
Industrial Networks	94		
Industrial Networks Project	94		
February - June 2020			
Machine Design and Development	79		
Citizenship	85		
Automation of Manufacturing Systems	86		
Integral Automatic Control Laboratory	78		
Industrial Robotics	97		
Introduction to Professional Development	98		

This document covers 61 (SIXTY ONE) courses that make up the entire curriculum for B.S. Mechatronics Engineering (Version 2011).			
Grade point average for all the courses included in this document	88.86		