

INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY



Campus Santa Fe

** Official transcripts are issued only in spanish.*

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.

This certificate is only valid as an original copy when it bears the raised seals of the Institute. 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 Sebastián González Villacorta

Date August 23rd, 2022

Registration number 1029746

**INSTITUTO TECNOLÓGICO Y
DE ESTUDIOS SUPERIORES
DE MONTERREY**

23-Ago-2022

**DIRECCIÓN DE SERVICIOS
ESCOLARES**

This certificate was issued at México, Ciudad de México

Luis Alberto López Monreal

Registrar

This document certifies studies in B.S. IN COMPUTER SCIENCE AND TECHNOLOGY

Name of course	Grade	Credits	Name of course	Grade	Credits
August - December 2020			Electrical Systems	99	3
Engineering and Science			Computational Modeling of		
Modeling	96	3	Electromagnetic Systems	97	3
Computational Modeling of			Intermediate Mathematical		
Movement	100	3	Modeling	100	2
Computational Modeling			Statistic Analysis	91	1
Applying Conservation Laws	100	3	Modeling of Engineering with		
Mathematical Thinking I	100	2	Computational Mathematics	95	3
Analysis of the Structure			Object-Oriented Programming	97	1
and Properties of Matter	94	1	Elective Course Social and		
Computational Thinking and			Behavioral Sciences		
Programming	96	3	(Geopolitics and		
Elective Course Leadership,			Technological Changes: The		
Entrepreneurship and			Future Today)	92	3
Innovation (Entrepreneurship			August - December 2021		
and Innovation)	100	3	Elective Course Mathematics		
February - June 2021			and Science (Mathematics and		
Computational Biology			Data Science for Decision		
Analysis	95	1	Making)	95	3
Physical Experimentation and			Analysis of Differential		
Statistical Thinking	92	1	Equations	96	1
Computational Modeling of			Implementation of the		
CONTINUED NEXT COLUMN			OVER		

Name of course	Grade	Credits	Name of course	Grade	Credits
Internet of Things	97	6			
Programming of Data Structures and Fundamental Algorithms	99	3			
Modeling of Minimum Systems and Computational Architectures	95	1			
Analysis of Software Requirements	99	1			
Exploration Topic	97	3			
January - February 2022					
Elective Course Humanities and Fine Arts (Image Culture)	99	3			
February - June 2022					
Software Construction and Decision Making	100	8			
Device Interconnection	100	4			
Implementation of Computational Methods	97	3			

This is a partial certificate covering 27 (TWENTY SEVEN) courses that make up the curriculum for B.S. in Computer Science and Technology (Version 2019).					
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