

* 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 Paulina Fernanda Almada Martínez

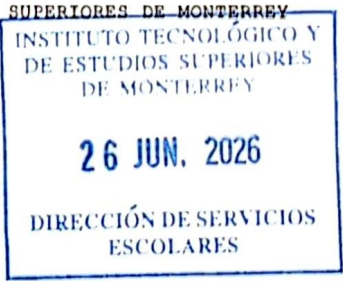
Date June 26th, 2026 Registration number 1710029

This certificate was issued at Querétaro, Querétaro

Lic. Adriana Padierna Beltrán
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 2022			Electrical Systems	97	3
Engineering and Science			Computational Modeling of		
Modeling	97	3	Electromagnetic Systems	96	3
Computational Modeling of			Intermediate Mathematical		
Movement	100	3	Modeling	86	2
Computational Modeling			Statistical Analysis	97	1
Applying Conservation Laws	95	3	Modeling of Engineering with		
Mathematical Thinking I	96	2	Computational Mathematics	100	3
Analysis of the Structure			Object-Oriented Programming	100	1
and Properties of Matter	92	1	Elective Course Ethics and		
Computational Thinking and			Citizenship (Ethics and		
Programming	100	3	Psychology: From		
Elective Course Leadership,			Self-Knowledge to		
Entrepreneurship and			Fulfillment)	100	3
Innovation (Innovation and			August - December 2023		
Creative Processes)	98	3	Elective Course Mathematics		
February - June 2023			and Science (Ecological		
Computational Biology			Processes for Human		
Analysis	89	1	Development)	96	3
Physical Experimentation and			Analysis of Differential		
Statistical Thinking	95	1	Equations	100	1
Computational Modeling of			Implementation of the		
CONTINUED NEXT COLUMN			OVER		

Name of course	Grade	Credits	Name of course	Grade	Credits
Internet of Things	99	6	Professional Elective VI (Data Analytics and Artificial Intelligence Tools II)	92	3
Programming of Data Structures and Fundamental Algorithms	100	3	February - June 2026 Elective Multidisciplinary		
Modeling of Minimum Systems and Computational Architectures	95	1	Professional (Agile Project Management)	99	6
Analysis of Software Requirements	98	1	Development of Advanced Applications of Computer Science	97	6
Exploration Topic	99	3	Implementation of Wide Area Networks and Distributed Services	98	6
January - February 2024 Elective Course Social and Behavioral Sciences (Gender, Society and Human Rights)	100	3	-----		
February - June 2024 Elective Course Humanities and Fine Arts (Art Appreciation)	99	3	This certificate covers 41 (FORTY ONE) courses that make up the entire curriculum for B.S. in Computer Science and Technology (Version ITC19).		
Software Construction and Decision Making	100	8	Grade point average for all the courses included in this certificate	96.31	
Device Interconnection	88	4			
Implementation of Computational Methods	99	3			
August - December 2024 Integration of Computer Security in Networks and Software Systems	91	8	THIS IS THE OFFICIAL TRANSLATION OF THE TRANSCRIPT ISSUED BY INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY		
Modeling of Multi-Agent Systems with Computer Graphics	96	4			
Analysis and Design of Advanced Algorithms	100	3			
February - June 2025 Software Development	93	18			
August - December 2025 Professional Elective I (Data Analytics and Artificial Intelligence Tools I)	98	3			
Professional Elective II (Data Analytics and Artificial Intelligence Tools I)	98	3			
Professional Elective III (Data Analytics and Artificial Intelligence Tools II)	92	3			
Professional Elective IV (Data Analytics and Artificial Intelligence Tools II)	92	3			
Professional Elective V (Data Analytics and Artificial Intelligence Tools II)	92	3			
CONTINUED NEXT COLUMN					