INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

Campus Querétaro

Certificate of studies *

Folio **20-16193 I**

Name Emilio Aguilera Carlín

Date June 28th, 2023   *Registration number* 1351355

This certificate was issued at Querétaro, Querétaro

(This is the translation and therefore is unsigned)
Registrar

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

Name of course	Grade	Name of course	Grade
August - December 2018		Mathematics III	90
Physics I	76	Data Structures	87
Foreign Language	89	Videogame Development Project	98
Mathematics I	85	**February - June 2020**	
Programming Fundamentals	83	Ethics, Self and Society	100
Introduction to Computer Systems		Databases	88
Engineering	100	Analysis and Design of Algorithms	86
Management and Business Model		Introduction to Networks	92
Innovation	86	Numerical Methods in Engineering	100
Computer Organization	85	Web Applications Development	88
January - May 2019		**June - July 2020**	
Discrete Mathematics	79	Operating Systems	98
Verbal Expression and Analysis	91	**August - December 2020**	
Mathematics II	87	Verbal Expression in the Workplace	96
Introduction to Interactive Design	91	Linear Algebra	91
Object-Oriented Programming	84	Analysis and Modeling of Software	
Introduction to Software Engineering	85	Systems	95
August - December 2019		Mobile Application Development	
Natural Sciences and Sustainable		Projects	95
Development	95	Web Application Development	
Electricity and Magnetism	90	Laboratory	95
Probability and Statistics	91	**January - February 2021**	
CONTINUED NEXT COLUMN		OVER	

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Name of course	Grade	Name of course	Grade
Citizenship	97		
February - June 2021			
Computational Mathematics	100		
Network Interconnection	95		
Advanced Programming	90		
Advanced Database Systems	97		
Computer Graphics	96		
August - December 2021			
Topics I	93		
Topics II	93		
Topics III	100		
Topics IV	100		
Topics V	90		
Topics VI	80		
February - June 2022			
Entrepreneurship	90		
Software Quality and Testing	88		
Project Evaluation and Management	83		
Management of Software Engineering Projects	88		
Software Design and Architecture	88		
Applied Ethics	90		
June - July 2022			
Humanities and Fine Arts	99		
Programming Languages	95		
August - December 2022			
Computer and Information Security	99		
Quantitative Methods and Simulation	100		
Compiler Design	98		
Intelligent Systems	99		
February - June 2023			
Business Solution Development Capstone Project	98		
Introduction to Professional Development	92		

This certificate covers 57 (FIFTY SEVEN) courses that make up the entire curriculum for B.S. Computer Science and Technology (Version 2011).

Grade point average for all the courses included in this certificate	91.82		

THIS IS THE OFFICIAL TRANSLATION OF THE TRANSCRIPT ISSUED BY INSTITUTO TECNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

Ing. Miguel Ángel Telles Méndez

INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

28 JUN. 2023

DIRECCIÓN DE SERVICIOS ESCOLARES