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CARLOS LUIS ESPINOZA GUTIÉRREZ

Industrial Production Engineer

Industrial Production Engineer with a Master's Degree in Business Administration from Instituto Tecnológico de Costa Rica, specializing in Project Evaluation. He has served for more than 40 years as a university professor at TEC, where he has held positions including Dean, Founder of academic programs, Program Coordinator, and member of various academic and institutional governing bodies. He has also worked as an investment project evaluator and international peer reviewer, with experience in curriculum evaluation, manufacturing systems, investment analysis, and quality management. He is the author of books and academic articles and has extensive involvement in research projects and technical training at public and private institutions.

ACADEMIC BACKGROUND

- Industrial Production Engineer, Instituto Tecnológico de Costa Rica (TEC).
- Master's Degree in Business Administration, Instituto Tecnológico de Costa Rica.
- Specialization in Project Preparation and Evaluation, Pontificia Universidad Católica de Chile.
- Master's-level coursework in Manufacturing Systems, Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM), Mexico.

TEACHING AND PROFESSIONAL EXPERIENCE

- Professor, School of Industrial Production Engineering, Instituto Tecnológico de Costa Rica — More than 40 years of teaching experience.
- Speaker at International Conferences and Congresses on Investment Project Evaluation.
- Founding Coordinator, Master's Program in Modern Manufacturing Systems.
- Founding Member, Fundación Tecnológico de Costa Rica, 1987.
- Founder, Laboratory of Modern Manufacturing Systems (SIMTEC), School of Industrial Production Engineering; established and equipped the laboratory during its first and second development stages.
- Director, School of Industrial Engineering, for 7 years.
- Founder, Modelo TEC de Formación de Técnicos, and Coordinator of the first Technical Supervisor Program in Industrial Production, for 5 years.
- Lecturer on Project Costs and Investment Evaluation, for RECOPE and private-sector companies in Costa Rica.
- Member, Board of Directors, School of Industrial Production Engineering, Costa Rica, and contributor of various articles to *Tecnología en Marcha*.
- Experience as an evaluator for the Canadian Engineering Accreditation Board (CEAB) and accreditation peer reviewer for Engineering programs, UCR.
- Coordinator, Curriculum Improvement and Accreditation Commission, School of Industrial Production Engineering, for 4 years.
- Member invited by CEAB as a peer reviewer for the Agricultural Engineering and Agricultural Materials Engineering programs at TEC.
- First Coordinator, Industrial Production Engineering Program, Limón Campus, from its establishment through its first cohort graduation.
- Academic Advisor for more than 35 Final Graduation Projects in Industrial Production Engineering and more than 40 undergraduate thesis projects in the program.
- Experience in Investment Project Evaluation.
- Member, External Evaluator Group, Central American Higher Education Accreditation System (SICEVAES), evaluating the Commercial Technical Program at Universidad Francisco Morazán, Honduras.
- Member, AAPIA Accreditation Committee for the AAPIA Accreditation Model.

PUBLICATIONS

- Co-author of books on Industrial Costs and Engineering Economics, Editorial Tecnológica de Costa Rica.
- Author of various articles, *Tecnología en Marcha*, Editorial Tecnológica de Costa Rica, on Statistics, Production Costs, Programming and Production Control for the Technical Supervisor Program.
- Designer of the RECOPE Technical Supervisor Program and author of its Course Teaching Materials.