



American College
UNIVERSITY INSTITUTE



Higher Technology

GERONTOLOGY



ABOUT THE CAREER



Title: Advanced Technology in Gerontology

Duration: 2 years

Format: In-person

Schedule: Weekends

Mission

To train competent professionals in comprehensive health care for older adults, capable of promoting healthy aging and a better quality of life. These professionals will foster a culture of aging by driving political and sociocultural change and developing scientific advancements that address these needs.

Vision

To establish a leading institute for gerontological training of professionals with advanced technical degrees. This institute will focus on understanding and applying communication through social skills, designing care plans tailored to the needs of older adults and their environment. In addition, it will promote gerontological health services in the public and private sectors.



Graduate Profile

The emergency medical professional from the American College University Institute will be able to recognize, assess, and manage the initial phase of prehospital emergencies by applying the standards and protocols for care established by the Ministry of Public Health and international standards, according to the level of complexity, as well as performing extraction and rescue maneuvers for victims in hard-to-reach areas, providing care for specific pediatric and gynecological emergencies, conducting vehicle rescues, and delivering prehospital care in tactical emergencies, while analyzing the risks present at the time of the rescue, complying with codes of ethics and applicable laws, and aligning their conduct with established standards to apply them in the daily practice of their profession.

Advanced Technology in Gerontology Curriculum



1st Semester	Socioeconomic Reality of Older Adults	Psychology of Older Adults	Oral and Written Communication	Fundamentals of Musculoskeletal Anatomy	Introduction to Biochemistry	Geriatrics and Gerontology
1st Semester	Ethics	Biostatistics	Morphology of Organs and Systems	Pharmacology of the Elderly	Care of the Elderly	
1st Semester	Epidemiology	Fundamentals of Physiology in the Elderly	First Aid for the Elderly	Dietetics and Nutrition for the Elderly	Recreation for the Elderly	
1st Semester	Fundamentals of Pathophysiology in Older Adults	Introduction to Clinical Signs and Symptoms	Management in Gerontology	Geriatric Care for Terminally Ill Patients	Thesis Project	

Strengths of the Program

1. Comprehensive training in gerontological care: Training professionals to handle a wide range of situations related to the care of older adults, following up-to-date protocols.
2. Leadership development in elder care: Cultivates leadership skills to address complex and dynamic scenarios in the field of geriatric care.
3. Training in interdisciplinary teamwork skills: Prepares professionals to collaborate effectively in multidisciplinary teams and manage complex situations in elder care.
4. Specialized Equipment: The institution is equipped with state-of-the-art simulators and equipment for realistic practice of gerontological and geriatric procedures.
5. Variety of Practice Scenarios: The institution has facilities that simulate different settings for elder care (nursing homes, home care).





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