

# LEADERSHIP EXCEL AND ACHIEVEMENT PROGRAM (LEAP)

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**LEAP 401. Introduction to Nurse Anesthesiology Specialty I. 2 Units.**

This course will focus on the continuum of anesthetic states influenced by clinical anesthesia pharmacology. Coreq: LEAP 402.

**LEAP 402. Writing Workshop I. 1 Unit.**

This course will engage students in increasing their understanding of concepts in academic dialogue and magnifying their ability to write effectively. It will include an examination of scholarly writing techniques. Coreq: LEAP 401.

**LEAP 403. Introduction to Nurse Anesthesiology Specialty II. 2 Units.**

This course will focus on the basic principles of anesthesia practice. Prereq: LEAP 401 and LEAP 402. Coreq: LEAP 404, LEAP 405, and LEAP 406.

**LEAP 404. Human Physiology. 3 Units.**

This course will provide an in-depth understanding of the function, regulation, and integration of human organ systems. Emphasis will be placed on homeostasis in health and disease. Course content will include introductory cell physiology and major organ systems. Prereq: LEAP 401 and LEAP 402. Coreq: LEAP 403, LEAP 405, and LEAP 406.

**LEAP 405. Professional Aspects and Leadership in Nurse Anesthesiology. 1 Unit.**

This course will focus on the study of the role of the advance practice nurse in Nurse Anesthesiology, including principles of leadership. Prereq: LEAP 401 and LEAP 402. Coreq: LEAP 403, LEAP 404, and LEAP 406.

**LEAP 406. Writing Workshop II. 1 Unit.**

This course will build on scholarly writing techniques and introduce concepts related to academic dialogue. The course will provide a review of the writing process for dissemination. Prereq: LEAP 401 and LEAP 402. Coreq: LEAP 403, LEAP 404, and LEAP 405.

**LEAP 407. Introduction to Nurse Anesthesiology Specialty III. 2 Units.**

This course will focus on the clinical management of nurse anesthesiology practice. Prereq: LEAP 403. Coreq: LEAP 408 and LEAP 409.

**LEAP 408. Pathophysiology. 3 Units.**

This course will provide an in-depth understanding of health and pathologic alterations across the lifespan. A focused review of etiology, symptomatology, and the psychophysical response to disease and injury will be incorporated. Prereq: LEAP 404. Coreq: LEAP 407 and LEAP 409.

**LEAP 409. Writing Workshop III. 1 Unit.**

This course will expand students' understanding of concepts in academic dialogue. It will enhance students' ability to develop and discuss the underpinnings of scholarly writing. Prereq: LEAP 403, LEAP 404, LEAP 405, and LEAP 406. Coreq: LEAP 407 and LEAP 408.