

ROTC

Courses

AERO 101 - The Foundation of the U.S. Air Force I (1 Credit)

Survey course introducing students to the U.S. Air Force and AFROTC. Topics include mission and organization of the Air Force, officership, professionalism, military customs and courtesies, and officer career opportunities.

AERO 101L - Initial Military Training Cadet Leadership Laboratory I (0 Credits)

Provides cadets the basic skills/knowledge to be functional members of the cadet corps, and activities to build camaraderie and esprit-de-corps. Includes mandatory physical fitness program.

AERO 102 - The Foundation of the U.S. Air Force II (1 Credit)

Continuation of AERO 101. Additional topics include Air Force core values, leadership principles, group leadership dynamics, and an introduction to verbal and written communications skills.

AERO 102L - Initial Military Training Cadet Leadership Laboratory II (0 Credits)

Continuation of AERO 101L. Exposure to additional information on an Air Force career. Scenarios and problems teach followership and leadership skills. Includes mandatory physical fitness program.

AERO 201 - The Evolution of the U.S. Air Force I (1 Credit)

Examines USAF air and space power from a historical perspective. Covers the earliest aircraft, both World Wars, the Korean and Vietnam conflicts, air and space employment during the Cold War.

AERO 201L - Field Training Preparation Cadet Leadership Laboratory I (0 Credits)

Preparation of students for summer training at an Air Force base; teaching drill and other leadership experiences. Includes mandatory physical fitness program.

AERO 202 - The Evolution of the U.S. Air Force II (1 Credit)

Continuation of AERO 201. This course continues to explore Air Force history, beginning with the Vietnam era and culminating with the application of air and space power in recent conflicts.

AERO 202L - Initial Field Training Preparation Cadet Leadership Laboratory II (0 Credits)

Continuation of AERO 201L. Focuses on AFROTC Honor Code, Field Training Manual/procedures, and expeditionary skills required at field training. Includes mandatory physical fitness program.

AERO 301 - Air Force Leadership Studies I (4 Credits)

Study of leadership, management fundamentals, the profession of arms, personnel evaluation systems, ethics, motivation, team building, change management, and communication skills. Analyses of leadership and management case studies.

Corequisite: AERO 301L.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

AERO 301L - Intermediate Cadet Leader Leadership Laboratory I (0 Credits)

Provides cadets opportunities to develop leadership and followership skills, as well as sharpen their planning, organization, and communication ability. Includes mandatory physical fitness program.

Corequisite: AERO 301.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

AERO 302 - Air Force Leadership Studies II (4 Credits)

Continuation of AERO 301. Topics include developing subordinates, conflict management, counseling, influence, authority and responsibility, accountability, and moral leadership. Includes case studies on effective supervision and accountability.

Prerequisites: AERO 301.

Corequisite: AERO 302L.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

AERO 302L - Intermediate Cadet Leader Leadership Laboratory II (0 Credits)

Continuation of AERO 301L. Allows intermediate cadet leaders to further develop leadership and management skills essential in Air Force officers. Includes mandatory physical fitness program.

Prerequisites: AERO 301L.

Corequisite: AERO 302.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

AERO 401 - National Security/Leadership Responsibilities/Commissioning Preparation (4 Credits)

Study of U. S. Constitution, the Armed Forces, civilian control of the military, elements of national security, USAF doctrine, Total Force, the Joint environment, terrorism, and regional and cultural studies.

Prerequisites: AERO 302.

Corequisite: AERO 401L.

AERO 401L - Senior Cadet Leader Leadership Laboratory I (0 Credits)

Provides senior cadet leaders opportunities to develop leadership and supervisory skills, and to effectively manage resources toward mission accomplishment. Includes mandatory physical fitness program.

Prerequisites: AERO 302L.

Corequisite: AERO 401.

AERO 402 - Preparation for Active Duty (4 Credits)

Continuation of AERO 401. Topics include additional regional studies, military justice, personnel feedback, evaluation and promotion systems, the military profession, current issues affecting the military, and preparation for active duty.

Prerequisites: AERO 401.

Corequisite: AERO 402L.

AERO 402L - Senior Cadet Leader Leadership Laboratory II (0 Credits)

Continuation of AERO 401L. Allows senior cadet leaders advanced opportunities to hone their leadership in preparation for entering active duty. Includes mandatory physical fitness program.

Prerequisites: AERO 401L.

Corequisite: AERO 402.

AERO 499L - Extended Cadet Leader Leadership Laboratory (0 Credits)

Provides extended cadet leaders opportunities to continue developing leadership, managerial, and communication skills, and to mentor junior cadet corps members. Includes mandatory physical fitness program.

Prerequisites: 402L.

ARMY 101 - Fundamentals of Military Science (2 Credits)

Development of leadership, management, and communication skills. Map reading, land navigation, and study/time management techniques.

ARMY 102 - Introduction to the Army (2 Credits)

History, organization, mission, and role of United States Army in national defense. Components of total Army structure. Emphasis on group dynamics and communication skills.

ARMY 201 - Fundamentals of Military Leadership (3 Credits)

Oral and written military communications, planning, and organizing techniques. Current military leadership doctrine and application. Combined arms concepts, organizations, and tactics.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

ARMY 202 - Fundamentals of Military Decision Making (3 Credits)

Soldier skills, including map reading and land navigation. Introduces Army troop-leading procedures through practical exercises and principles of war using historical events.

ARMY 301 - Advanced Military Decision Making (4 Credits)

Small group leadership through practical applications. Individual leadership skills with emphasis on problem analysis, decision formulation, and steps of decision making.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

ARMY 302 - Applied Military Leadership (4 Credits)

Continues development of leadership competencies and confidence. Tactical training exercises to enhance leadership development.

Prerequisites: ARMY 301.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

ARMY 400 - Nurses Summer Training Program Clinical Elective (3 Credits)

A 3-week summer nursing experience conducted at an Army hospital in the United States, Europe, or Asia that orients the cadet nurse to the mission of the U.S. Army Medical Department and its health care delivery system. It provides a minimum of 120 hours of clinical experience to develop nursing, leadership, administrative, and interpersonal skills.

Prerequisites: completion of the Leadership Development Assessment Course [LDAC], NURS 412 or its equivalent, acceptance into any Army ROTC, and enrolled Army ROTC Nursing Cadets.

ARMY 401 - Leadership and Management Seminar I (4 Credits)

Current Army leadership, tactical, and training doctrine. Military law in context of peacekeeping/enforcement operations. Overview of Army's role in joint operations.

Prerequisites: ARMY 301.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

ARMY 402 - Leadership and Management Seminar II (4 Credits)

Application of current Army leadership, tactical, and training doctrine. Evolution of military professionalism; civil-military relations, personal and professional ethics, and military justice system.

Prerequisites: ARMY 401.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

ARMY 406 - American Military Experience (3 Credits)

Transformation of war and of the institutions for waging war from the American Revolution to the present.

Cross-listed course: HIST 468

NAVY 101 - Fundamentals of Naval Science (3 Credits)

The Naval Service with emphasis on the mission, organization, regulation, and components of the Navy and Marine Corps.

NAVY 102 - U.S. Military History (3 Credits)

A historical survey on the importance of military doctrine and the many roles of the United States Military covering from the American Revolution to present day. HIST 468 or ARMY 406 may be taken in lieu of this course to meet the Naval ROTC History requirement.

NAVY 111 - Naval Military Laboratory (0 Credits)

Military drill, cruise preparation, customs, traditions, and special areas of knowledge required of commissioned officers in the Navy and Marine Corps. Pass/Fail grading.

NAVY 201 - Naval Ships Systems I (3 Credits)

Types, structure, and purpose of naval ships. Hydrodynamic forces, stability, compartmentation, electrical, and auxiliary systems. Theory of design and operation of steam, gas turbine, and nuclear propulsion. Shipboard safety and firefighting.

NAVY 202 - Naval Ships Systems II (3 Credits)

Fire control systems, weapons types, capabilities, and limitations. Physical aspects of radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery, and guidance. Explosives, fusing, and naval ordnance.

NAVY 301 - Navigation/Naval Operations I (4 Credits)

Piloting and celestial navigation theory, principles, and procedures. Tides, current, weather, use of navigational instruments and equipments, and practicum. Laboratory required.

NAVY 301L - Navigation/Naval Operations Lab I (0 Credits)

Laboratory work in piloting and celestial navigation to complement Naval Science 301. One hour per week.

NAVY 302 - Navigation/Naval Operations II (4 Credits)

International and Inland Rules of the Road; relative motion-vector analysis; ship handling, employment, tactics, and afloat communications; and operations analysis. Laboratory required.

NAVY 302L - Navigation/Naval Operations II Lab (0 Credits)

Laboratory work in maneuvering board (vector analysis) and Rules of the Road to complement Naval Science 302. One hour per week.

NAVY 303 - Evolution of the Art of War (3 Credits)

A survey of military history emphasizing principles of warfare, strategy and tactics, and significant military leaders and organizations.

NAVY 401 - Naval Leadership and Management I (3 Credits)

Theory and principles of management, focusing on the officer-manager as an organizational decision maker. Includes interpersonal skills; behavior factors; group dynamics.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

NAVY 402 - Naval Leadership and Ethics (3 Credits)

Integration of professional military competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications, and military law for the junior officer.

Graduation with Leadership Distinction: GLD: Professional and Civic Engagement Leadership Experiences

NAVY 403 - Fundamentals of Maneuver Warfare (3 Credits)

The history of Maneuver Warfare emphasizing doctrine and techniques while enabling students to become critical thinkers and better prepare them for future service.