
MILITARY SCIENCE/LEADERSHIP TRAINING

JUNIOR RESERVE OFFICERS TRAINING CORPS

Army Junior Reserve Officers Training Corps (JROTC), Navy Junior Reserve Officers Training Corps (NJROTC), and Air Force Junior Reserve Officers Training Corps (AFJROTC) are programs available to male and female students. Air Force JROTC, Army JROTC, and Navy JROTC may be taken in grades 9, 10, 11, and 12 in lieu of physical education or in addition to physical education as an elective credit.

Army JROTC courses are offered at Hoover, Madison, and Morse High Schools and all the small schools of the Crawford High, Kearny High, San Diego High Educational Complexes. Navy JROTC is offered at Henry, Point Loma, and Serra High Schools. Air Force JROTC is offered at Mira Mesa and Scripps Ranch High Schools.

The program provides citizenship and leadership training designed to provide students with the skills required to live and work cooperatively with others. It provides important vocational information and physical training opportunities, and it emphasizes oral and written communication skills development.

MAJOR GOALS

JROTC is designed to give students insight into the ethical values and principles that underlie good citizenship, including integrity, responsibility, and respect for constituted authority. It stresses the development of leadership potential with the attendant skills to live and work cooperatively with others. Cadets also refine the skills of logical thinking and effective oral and written communication. Students participate in physical training and learn the importance of physical fitness in maintaining good health. Cadets also learn about the educational and vocational opportunities offered by the military.

CONTENT DESCRIPTIONS

Five major strands have been identified around which the JROTC curriculum is developed. These strands are

- **Citizenship/Leadership.** Students gain insight into the ethical values and principles that underlie

good citizenship, as well as the development of basic, intermediate, and advanced managerial and leadership skills.

- **Health Education.** Students study health principles, human growth and development, environment and heredity, and drug and alcohol abuse.
- **Communication.** Students learn the principles of communication, with emphasis on oral communication. Advanced-year students prepare and present materials on JROTC-related subjects, and they serve as assistant classroom instructors.
- **Navigation.** In the classroom and in hands-on practical situations in the field or on board vessels, cadets develop understanding of land, air, or sea navigation, and navigational devices.
- **Drill and Ceremonies.** Students learn the importance of teamwork and discipline in accomplishing goals. Drill and ceremonies are integral parts of the overall leadership training aspects of the JROTC program.

SKILLS

The JROTC program teaches the student first to be a good follower and then to be an effective leader. Students are provided with leadership skills training opportunities on a daily basis; these opportunities and the resultant responsibilities increase as the student progresses through the second-, third-, and fourth-year programs. JROTC also helps develop many of the general basic skills presented in other school courses.

EVALUATION

Each cadet is constantly evaluated by both the teacher and the cadet leaders. Evaluation is based on classroom performance, physical training classes, drill and ceremonies, and extracurricular activities. Cadet reinforcement is accomplished by grade reports; promotion to higher cadet rank; and the award of ribbons, medals, and trophies.

BENEFITS

High school graduates who have successfully completed three years of Army, Navy or Air Force JROTC may be granted a one-year credit toward the

four-year college ROTC program, which leads to a Regular or Reserve Officer’s commission. High school JROTC cadets receive bonus points in the competition for four-year Army, Navy, and Air Force college scholarships. These scholarships may pay for all tuition, books, and laboratory fees, plus they pay \$200 per month (for 10 months/year). Students may also compete for appointments to any of the military service academies, such as the Military Academy at West Point, the Naval Academy at Annapolis, or the Air Force Academy at Colorado Springs.

VOCATIONAL APPLICATION – ARMY

High school graduates with Army JROTC experience who are recommended by the Director of the Army Instruction/Sr. Army Instructor may enlist in the Regular Army in the grade of:

- Private (E-2) with two years’ successful completion of Army JROTC.
- Private First Class (PFC) with three years’ successful completion of Army JROTC. This is the third pay grade, which is two pay grades higher than that received by a person with no previous Army JROTC experience.

VOCATIONAL APPLICATION – NAVY

High school graduates with three years of successful completion of Navy JROTC are entitled to advanced promotion to Seaman (the third pay grade) upon enlistment in the Navy. Students who successfully complete two years of Navy JROTC may enlist in the Navy with the advanced pay grade of Seaman Apprentice (the second pay grade).

VOCATIONAL APPLICATION – AIR FORCE

High school graduates with three years of successful completion of Air Force JROTC are entitled to advanced promotion to Airman First Class (the third pay grade) upon enlistment in the Air Force.

COMPETITIONS

The following competitions are conducted each year:

- Riflery
 - Varsity and JV – Among schools in San Diego County, including San Diego Unified School District

- JROTC – Among the Army and Navy JROTC schools in the San Diego Unified School District
- San Diego Invitational – Among 15–20 JROTC schools from California and Arizona
- Best drilled first-, second-, third-, and fourth-year cadet competition
- Best drilled squad and platoon
- Best school in physical fitness
- Best drilled color guard
- Best fancy drill teams

In the San Diego area riflery competition, students may earn varsity or junior varsity letters and individual awards. In JROTC riflery, cadets may earn ribbons, medals, and trophies. In all other JROTC competitions, cadets may earn ribbons, medals, and trophies or a combination of these.

SUMMER ENCAMPMENT – ARMY JROTC

Each spring, on a voluntary basis, JROTC cadets participate under the supervision of their Military Science instructors in a three- or four-day encampment at an active military installation. These encampments are considered by the cadets to be an important part of the JROTC program of the San Diego Unified School District.

RELATED FIELD TRIPS – NAVY JROTC

The Navy JROTC at Henry, Point Loma, and Serra High Schools conducts numerous field trips to give students an opportunity to explore at close range the various occupations in a naval military career. The majority of training during field trips is conducted at:

- **Amphibious Base, Coronado.** Cadets may receive training with either the Marines or Underwater Demolition Team Training.
- **Fleet Training Center, San Diego.** Cadets may engage in pre-shipboard training involving damage control and fire fighting.
- **Sea Cruises.** Selected cadets take sea cruises on U.S. Navy ships to demonstrate the knowledge they have acquired in classroom studies.
- **Marine Corp Recruit Depot, San Diego.** A visit to MCRD orients cadets to discipline while on a field trip.
- **Camp Pendleton.** Adventure activity.
- **Admiral Baker Recreation Area.** Athletic competition.

AIR FORCE JUNIOR ROTC 1,2 (4511, 4512)
(Aerospace Science, Frontiers of Aviation History)
(Leadership Education I, Introduction to Air Force Junior ROTC)

Grade level: 9–12

Prerequisites: Ninth-grade standing

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the first in a series of four AFJROTC courses. It may be taken in grades 9, 10, 11, or 12. Students will be evaluated in each of the following subject areas:

- The Heritage of Flight
- Development of Air Power
- Toward Military Aerospace
- Contemporary Aviation
- History, Organization, and Traditions
- Individual Self-Control
- Citizenship in the United States
- Wellness, Health, and Fitness

BASIC TEXTS AND TEACHING GUIDES

Aerospace Science: Frontiers of Aviation History, Center for Aerospace Doctrine, Research, and Education, 1993.

Leadership Education I: Introduction to Air Force Junior ROTC, Air Force Reserve Officer Training Corps Junior Program Branch, 1998.

AIR FORCE JUNIOR ROTC 3,4 (4513, 4514)
(Aerospace Science, The Science of Flight)
(Leadership Education II, Intercommunication Skills)

Grade level: 10–12

Prerequisites: Air Force Junior ROTC 1,2

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the second in a series of four AFJROTC courses. It may be taken in grades 10, 11, or 12. Students will be evaluated in each of the following subject areas:

- The Aerospace Environment
- The Human Requirements of Flight
- Principles of Aircraft Flight
- Principles of Navigation
- Effective Communication Skills
- Understanding Individual Behavior
- Understanding Group Behavior
- Basic Leadership Concepts

BASIC TEXTS AND TEACHING GUIDES

Aerospace Science: The Science of Flight, Center for Aerospace Doctrine, Research, and Education, 1995.

Leadership Education II: Intercommunication Skills, Air Force Reserve Officer Training Corps Junior Program Branch, 1998.

AIR FORCE JUNIOR ROTC 5,6 (4515, 4516)
(Aerospace Science, The Exploration of Space)
(Leadership Education III, Life Skills)

Grade level: 10–12

Prerequisites: Air Force Junior ROTC 1,2;3,4

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the third in a series of four AFJROTC courses. It may be taken in grades 10 through 12. Students will be evaluated in each of the following subject areas:

- The Space Environment
- Choosing Your Path
- Space Programs
- The Job Search
- Space Technology
- Financial Planning
- Manned Space Flight
- Career Opportunities

BASIC TEXTS AND TEACHING GUIDES

Aerospace Science: The Exploration of Space, Center for Aerospace Doctrine, Research, and Education, 1994.
Leadership Education III: Life Skills, Air Force Reserve Officer Training Corps Junior Program Branch, 1999.

**AIR FORCE JUNIOR ROTC 7,8 (4517, 4518)
 (Aerospace Science, Management of the Cadet Corps)
 (Leadership Education IV, Principles of Management)**

Grade level: 12

Prerequisites: Air Force Junior ROTC 1,2, 3,4, 5,6 and consent of senior aerospace science instructor

Course duration: Two-semester course

Subject area in which graduation credit is given: Physical Education/Military Science

COURSE DESCRIPTION

Two-semester course – grade 12. Prerequisite: Air Force Junior ROTC 1,2, 3,4, 5,6 and consent of senior aerospace science instructor. Credit for this course counts toward the Physical Education/Military Science credits required for high school graduation. This is the fourth in a series of four AFJROTC courses. It may be taken in grade 12. Students will be evaluated in each of the following subject areas:

- Management Techniques
- Management Functions
- Management Decisions
- Managing Self and Others

BASIC TEXTS AND TEACHING GUIDES

Leadership Education IV: Principles of Management, Air Force Reserve Officer Training Corps Junior Program Branch, 1999.

**ARMY JUNIOR RESERVE OFFICERS TRAINING CORPS 1,2 (4501, 4502)
 (Introduction to Leadership Development)**

Grade level: 9–12

Prerequisites: Ninth-grade standing; minimum age of 14 years

Course duration: Two-semester course

Subject area in which graduation credit is given: Physical Education/Military Science

COURSE DESCRIPTION

This is the first course in a series of four Army JROTC courses. It may be taken in grades 9, 10, 11, or 12. Each of the subject areas listed below is covered in the course, with at least the minimum number of hours (required by Army JROTC) devoted to each area. Students are evaluated on each subject area.

- Introduction to JROTC
- Character Development
- Leadership Theory
- Foundations for Success
- Wellness, Fitness, and First Aid
- Geography and Earth Science
- Citizenship and American History
- Safety and Marksmanship (elective)

Students will be introduced to a disciplined learning environment, and work and train as a member of a team. Basic skills in team building are introduced, and citizenship is stressed.

BASIC TEXTS AND TEACHING GUIDES

Leadership Education and Training LET-1, U.S. Army Cadet Command.

**ARMY JUNIOR RESERVE OFFICERS TRAINING CORPS 3,4 (4503, 4504)
 (Intermediate Leadership Development)**

Grade level: 10–12

Prerequisites: Introduction to Leadership Development

Course duration: Two-semester course

Subject area in which graduation credit is given: Physical Education/Military Science

COURSE DESCRIPTION

This is the second course in a series of four Army JROTC courses. It may be taken in grades 10, 11, or 12. Each of the subject areas listed below is covered in the course, with at least the minimum number of hours (required by Army JROTC) devoted to each area. Students are evaluated in each subject area. Selected optional subjects should be devoted to activities and learning leading to citizenship and/or vocational knowledge and skills.

- Leadership Theory and Application

- Foundations for Success
- Wellness, Fitness, and First Aid
- Geography and Earth Science
- Citizenship and American History
- Command and Staff Procedures
- Electives
 - Success Profiler
 - Quantum Learning
 - Safety and Marksmanship

Students are assigned to their first leadership positions. They are responsible for initial guidance to new students. Responsibility to self and to the other team members is emphasized.

BASIC TEXTS AND TEACHING GUIDES

Leadership Education and Training LET-2, U.S. Army Cadet Command.

ARMY JUNIOR RESERVE OFFICERS TRAINING CORPS 5,6 (4505, 4506) (Applied Leadership Development)

Grade level: 11–12

Prerequisites: Intermediate Leadership Development

Course duration: Two-semester course

Subject area in which graduation credit is given: Physical Education/Military Science

COURSE DESCRIPTION

This is the third course in a series of four Army JROTC courses. It may be taken in grades 11 or 12. Each of the subject areas listed below is covered in the course, with at least the minimum number of hours (required by Army JROTC) devoted to each area. Students are evaluated in each subject area. Selected optional subjects should be devoted to activities and learning leading to citizenship and/or vocational knowledge and skills.

- Leadership Theory and Application
- Foundations for Success
- Wellness, Fitness, and First Aid
- Geography and Earth Science
- Citizenship and American History
- Electives
 - Success Profiler
 - Quantum Learning

- Safety and Marksmanship
- High School Financial Planning
- Command and Staff Procedures

Students are assigned positions of increased responsibility. Assignments include planning and executing drills and ceremonies and physical fitness training. Previous leadership training is used to supervise and evaluate junior leaders.

BASIC TEXTS AND TEACHING GUIDES

Leadership Education and Training LET-3, U.S. Army Cadet Command.

ARMY JUNIOR RESERVE OFFICERS TRAINING CORPS 7,8 (4507, 4508) (Advanced Leadership Development)

Grade level: 12

Prerequisites: Applied Leadership Development

Course duration: 1 semester

Subject area in which graduation credit is given: Physical Education/Military Science

COURSE DESCRIPTION

This is the fourth course in a series of four Army JROTC courses. It may be taken in grade 12. Each of the subject areas listed below is covered in the course, with at least the minimum number of hours (required by Army JROTC) devoted to each area. Students are evaluated in each subject area.

- Leadership Theory and Application
- Foundations for Success
- Wellness, Fitness, and First Aid
- Geography and Earth Science
- Citizenship and American History
- Command and Staff Procedures
- Electives
 - Success Profiler
 - Quantum Learning
 - Safety and Marksmanship
 - High School Financial Planning

Students are assigned to the highest leadership positions within the unit. Planning and coordination of cadet activities are priority assignments. Students manage promotion boards, instruct junior leaders, write reports, and maintain records.

BASIC TEXTS AND TEACHING GUIDES

Leadership Education and Training LET-4, U.S. Army Cadet Command.

**NAVAL JUNIOR ROTC 1,2 (4521, 4522)
(Naval Science 1)**

Grade level: 9–12

Prerequisites: Ninth-grade standing

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the first in a series of four NJROTC courses. It may be taken in grades 9, 10, 11, or 12. Students will be evaluated in each of the following subject areas:

- Introduction to the NJROTC course
- Leadership/Followership
- Citizenship
- Foundations of our government
- Navy ships
- Naval Aviation
- NJROTC uniform program
- NJROTC rates/ranks; U.S. Navy rates/ranks
- Military customs, courtesies, etiquette, and ceremonies
- Introduction to military drill
- Drill without arms
- Manual of Arms with the NJROTC rifle
- Manual of the Sword
- Guidon Manual
- National and organizational flags
- Health education
- Physical fitness and exercise
- Physical fitness exercises and qualifying minimums
- First aid
- Orienteering
- Survival
- Chain of command
- Orders to the sentry

BASIC TEXTS AND TEACHING GUIDES

NJROTC Introduction, 1st ed., NAVEDTRA 37125.
NJROTC Cadet Field Manual, 5th ed., NAVEDTRA 37116-E.

**NAVAL JUNIOR ROTC 3,4 (4523, 4524)
(Naval Science 2)**

Grade level: 10–12

Prerequisites: Naval Science 1

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the second in a series of four NJROTC courses. It may be taken in grades 10, 11, or 12. Students will be evaluated in each of the following subject areas:

- Maritime History
 - Sea power and early Western civilization
 - The American Revolution, 1775–1783
 - The growth of American sea power, 1783–1860
 - The Civil War, 1861–1865
 - The rise to world power status, 1865–1914
 - World War I, 1914–1918
 - The interwar years, 1918–1941
 - World War II: The Atlantic War, 1941–1945
 - World War II: The Pacific War, 1941–1945
 - The Cold War era, 1945–1991
 - The 1990s and beyond
- Nautical Sciences
 - Maritime Geography
 - Oceanography
 - Meteorology
 - Astronomy
 - Physical Sciences

BASIC TEXTS AND TEACHING GUIDES

Naval Science 2, 5th ed., Naval Institute Press, 2002.

**NAVAL JUNIOR ROTC 5,6 (4525, 4526)
(Naval Science 3)**

Grade level: 11–12

Prerequisites: Naval Science 2

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the third in a series of four NJROTC courses. It may be taken in grades 11 or 12. Students will be evaluated in each of the following subject areas:

- Naval Knowledge
 - Sea power and national security
 - The U.S. Merchant Marine
 - Naval operations, communications, and intelligence
 - Naval logistics
 - Naval research and development
 - Military law
 - International law
- Naval Skills
 - Ship construction and damage control
 - Shipboard organization and watch-standing
 - Seamanship
 - Nautical rules of the road
 - Navigation and time
 - The Maneuvering Board
 - Naval gunnery
 - Naval aircraft and missiles
- Public Speaking/Effective Communications

BASIC TEXTS AND TEACHING GUIDES

Naval Science 3, 5th ed., Naval Institute Press, 2003.

NAVAL JUNIOR ROTC 7,8 (4527, 4528) (Naval Science 4)

Grade level: 12

Prerequisites: Naval Science 3

Course duration: Two-semester course

Subject area in which graduation credit is given:
Physical Education/Military Science

COURSE DESCRIPTION

This is the fourth in a series of four NJROTC courses. It may be taken in grade 12. Students will be evaluated in each of the following subject areas: career planning and education; naval leadership, training, and evaluation; responsibilities and qualities of leadership; achieving effective communications; unit management and leadership; professional research

BASIC TEXTS AND TEACHING GUIDES

Selected Readings in Naval Leadership for NJROTC Students, Naval Institute Press, 1995.

Ethics for the Junior Officer, Naval Institute Press, 1994.