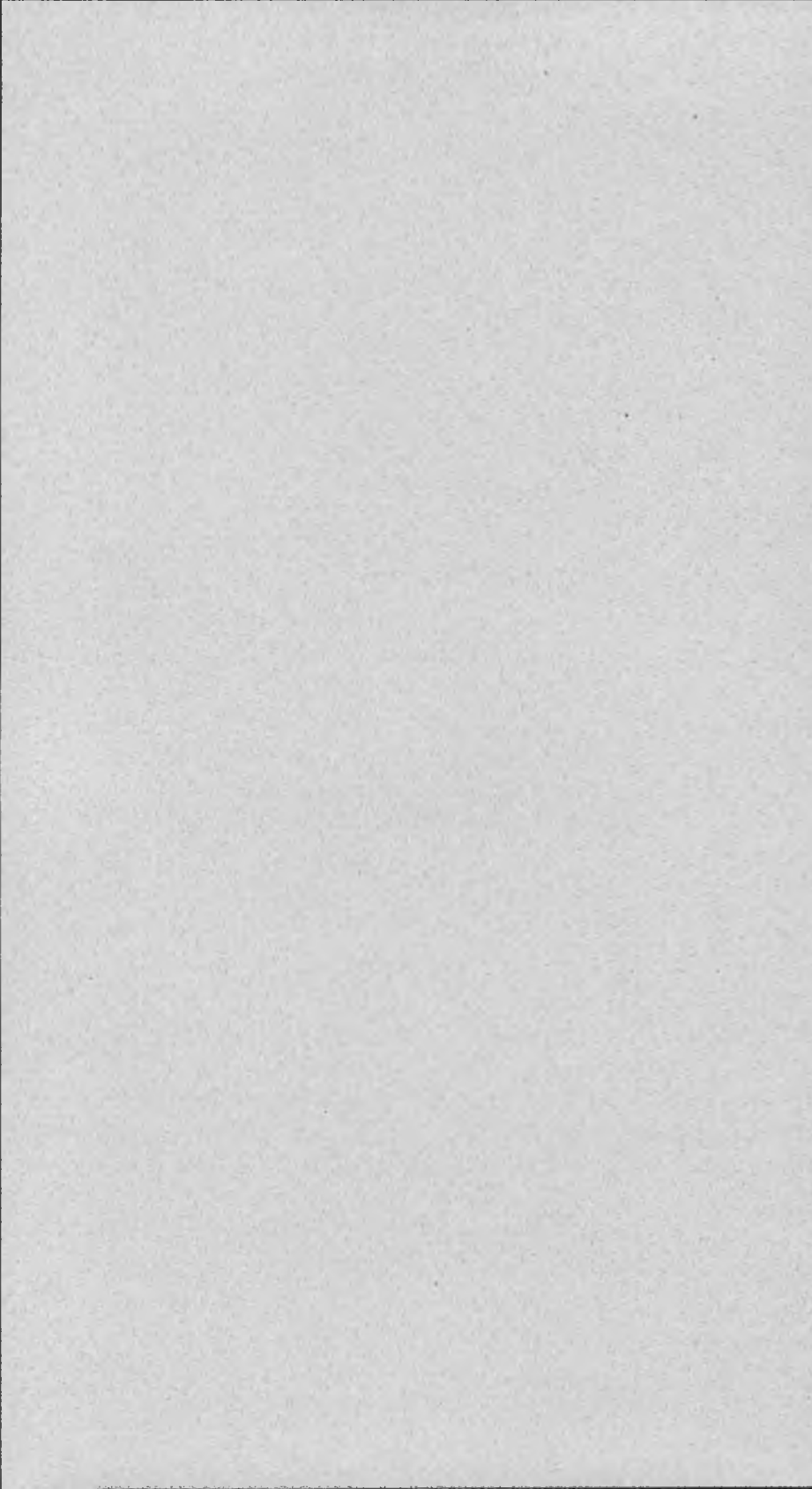




Cornell
University
ANNOUNCEMENTS

Officer Education

1969-70



Cornell University

Officer Education

1969-70

The Departments of
Military Science,
Naval Science, and
Aerospace Studies (ROTC)

Cornell Academic Calendar

1969-70*

Registration, new students	Th, Sept. 11
Registration, old students	F, Sept. 12
Fall term instruction begins, 7:30 A.M.	M, Sept. 15
Midterm grade reports due	S, Oct. 25
Thanksgiving recess:	
Instruction suspended, 1:10 P.M.	W, Nov. 26
Instruction resumed, 7:30 A.M.	M, Dec. 1
Fall term instruction ends, 1:10 P.M.	S, Dec. 20
Christmas recess	
Independent study period begins	M, Jan. 5
Final examinations begin	M, Jan. 12
Final examinations end	T, Jan. 20
Intersession begins	W, Jan. 21
Registration, new students	Th, Jan. 29
Registration, old students	F, Jan. 30
Spring term instruction begins, 7:30 A.M.	M, Feb. 2
Deadline: changed or make-up grades	M, Feb. 9
Midterm grade reports due	S, Mar. 14
Spring recess:	
Instruction suspended, 1:10 P.M.	S, Mar. 28
Instruction resumed, 7:30 A.M.	M, Apr. 6
Spring term instruction ends, 1:10 P.M.	S, May 16
Independent study period begins	M, May 18
Final examinations begin	M, May 25
Final examinations end	T, June 2
Commencement Day	M, June 8
Deadline: changed or make-up grades	M, June 15

* The dates shown in the Academic Calendar are subject to change at any time by official action of Cornell University.

CORNELL UNIVERSITY ANNOUNCEMENTS

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The courses and curricula described in this *Announcement*, and the teaching personnel listed therein, are subject to change at any time by official action of Cornell University.

UNIVERSITY ADMINISTRATION

James A. Perkins, President of the University
Dale R. Corson, University Provost
Mark Barlow, Jr., Vice President for Student Affairs
Stuart M. Brown, Jr., Vice President for Academic Affairs
John E. Burton, Vice President—Business
Lewis H. Durland, University Treasurer
W. Keith Kennedy, Vice Provost
Franklin A. Long, Vice President for Research and Advanced Studies
(to June 30, 1969)
George W. Rathjens, Vice President for Research and Advanced Studies
(July 1, 1969)
E. Hugh Luckey, Vice President for Medical Affairs
Thomas W. Mackesey, Vice President for Planning
Paul L. McKeegan, Director of the Budget
Robert D. Miller, Dean of the University Faculty
Steven Muller, Vice President for Public Affairs
Arthur H. Peterson, University Controller
Neal R. Stamp, Secretary of the Corporation, and University Counsel

FACULTY

James A. Perkins, A.B., Ph.D., President of the University
Robert D. Miller, Ph.D., Dean of the Faculty

DEPARTMENT OF MILITARY SCIENCE

Colonel Claude E. Bailey, Jr., U.S. Army, Professor of Military Science,
and Commanding Officer of the Army ROTC Unit

Associate Professor

Captain Richard A. Kidwell, Armor, U.S. Army

Assistant Professors

Captain Ronald L. Vigue, Infantry, U.S. Army
Captain Jeffrey Tucker, Infantry, U.S. Army
Captain William G. Moore, Infantry, U.S. Army

DEPARTMENT OF NAVAL SCIENCE

Captain Mortimer J. Prince, U.S. Navy, Professor of Naval Science and
Commanding Officer of the Naval ROTC Unit

Associate Professor

Commander Willis B. Van Oss, U.S. Navy

Assistant Professors

Major Harper L. Bohr, Jr., U.S. Marine Corps

Lieutenant Mario R. Mannarino, U.S. Navy

Lieutenant Robert C. Jones, U.S. Navy

DEPARTMENT OF AEROSPACE STUDIES (ROTC)

Lieutenant Colonel William E. Kennedy, U.S. Air Force, Professor of
Aerospace Studies (ROTC) and Commander, Air Force ROTC De-
tachment 520

Assistant Professors

Captain Donald C. Bunce, U.S. Air Force

Captain Robert J. Voyles, U.S. Air Force

OFFICER EDUCATION AT CORNELL

Through the years Cornell alumni have given outstanding—and often heroic—service in the military services of their nation. Since its founding, Cornell has provided instruction in military science to its students as a public service responsibility.

At present, this tradition of University cooperation in developing trained reserve officers embraces a voluntary program open to all students. In this way, Cornell, in cooperation with the military services, makes it possible for college students to prepare themselves to serve their country in positions of leadership while completing their college education.

Cornell is fortunate in having ROTC programs offered by the three military departments: the Army, the Navy, and the Air Force. These programs are alike in that each leads to a commission in the armed forces upon graduation.

Incoming students should give thoughtful consideration to the various offerings of this broad military program at Cornell, so that each can make a decision about his own future appropriate to his responsibility to himself and to the nation.

JAMES A. PERKINS
President
Cornell University

Cornell University

HISTORY OF THE ROTC

Cornell University, established as a land grant institution in 1865, has offered courses in the military arts since 1868, and military instruction has been an integral part of the Cornell experience, with few exceptions, since that early date.

Prior to World War I, military training was administered by an officer detailed by the War Department as a professor of military science and tactics, assisted by one or more noncommissioned officers of the regular Army. For some time subsequent in 1868, cadets lived under military conditions. The uniform was the accepted dress, and cadets moving in formation were a common sight.

The following is quoted from a military order of 1868 with respect to University policy:

It is granted that this great University was not founded for the purpose of educating soldiers, but it can imbue citizens with all that is good in soldiers and fit them to be soldiers in time of need. Who is to say that its results will not be commensurate with its high purpose, and its influence as beneficent, as the efforts to intend them are self-sacrificing and earnest?

History has shown that this high purpose has been and is being fulfilled. Andrew Dickson White, Cornell's first President, praised the results of the military training program in his autobiography. Cornellians served with distinction in World War I as leaders of men in combat and contributed greatly to the national effort. Cornell had more officers in the military service during World War I than did any other educational institution.

The National Defense Act of 1916 established the Reserve Officers Training Corps. During the next two decades, the Corps produced numerous reserve officers who, when called to active duty during World War II, helped provide the national capability to expand the military forces and win the war. General George C. Marshall, Chief of Staff during World War II, stated that "the rapid mobilization and effective leadership provided our armed forces in World War II was made possible by the large number of officers trained in the ROTC programs." Without this capable and trained reserve, it is probable that the war

would have been much longer and more costly. Cornellians contributed greatly in this effort, many of them reaching positions of great responsibility and leadership.

In the post-World War II era, Navy and Air Force training was made available to the student. As a result, many Cornellians served their country as officers during the Korean conflict in all of the military forces. Many Cornellians have chosen to make careers of military service; a number have risen to general officer rank.

The ROTC Vitalization Act of 1964 added new opportunities for interested and qualified young men. This act provided financial assistance through four-year and two-year scholarships, and a two-year program leading to a commission for those students who did not or could not enroll in the four-year program.

In his speech at the Industrial College of the Armed Forces, August 21, 1964, President Johnson said: "The next twenty years will demand more of America's military men, America's diplomats, and America's political leadership than the last 200 years. . . .

"The military career today demands a new order of talent and training and imagination and versatility. Our military men have these qualities and they have them in abundance."

For the officer corps to meet these high standards, Cornell must continue to make her outstanding contribution. Today there is a demand for well-educated, well-trained leaders. The ROTC units at Cornell are an important influence in shaping men who will provide this kind of leadership.

ROTC PROGRAMS IN BRIEF

ENROLLMENT

ARMY. Freshman year. With approval, students in a five-year baccalaureate academic program may enter at the beginning of the sophomore year. Additionally, sophomores who volunteer and are selected, after attendance at a six-week basic summer camp, can enter advanced ROTC in the fall of the junior year.

AIR FORCE. Four-year Program: freshman year. Two-year Program: students may apply if they have two years of college, undergraduate or graduate, remaining.

NAVY. Four-year Contract Program: freshman year. Two-year Contract Program: sophomores, juniors in a five-year program, or seniors and graduate students with two years remaining are eligible for enrollment. Regular Program: freshman year after earlier selection by nationwide competition.

MARINES. Marine option available at beginning of third year for selected NROTC students.

PHYSICAL REQUIREMENTS

ARMY. Eyes: correctable to minimum of 20/20 in one eye and 20/400 in the other eye. Height: 78" maximum (exceptions considered). Weight according to height. Overall sound mental and physical condition.

AIR FORCE. Eyes without glasses: 20/20 for pilot candidates: 20/50 for navigators; 20/400 bilaterally for engineers and general service. Height: flying, 64" to 76"; commission, 64" to 80". Weight varies with height and age. Overall sound physical condition.

NAVY. Eyes: *Four-Year Contract*: must have binocular visual efficiency (BVE) not worse than 49 percent correctable to 100 percent by standard lens. No waivers will be granted. A partial table of BVE of 49 percent or better is as follows:

<i>One Eye</i>	<i>Other Eye</i>
20/20	20/400
20/30	20/400
20/40	20/400
20/50	20/400
20/70	20/400
20/100	20/100

Excessive refractive errors are disqualifying. Defective color perception is disqualifying except for science and engineering option; *Two-year Contract*: same as *Four-year Contract* except applicants for aviation option must have 20/20 vision uncorrected, and defective color

perception is not disqualifying for otherwise qualified applicants for the Marine Corps, supply, and science and engineering options. Waivers of defective visual acuity will be considered for outstanding applicants except for the aviation option; *Regular*: 20/20 without correction. All programs: height 64" to 78"; weight proportioned to height. Overall sound mental and physical condition.

MARINES. Same as Navy with exception of defective color perception for Two-year Contract Program as noted above.

CADET OR MIDSHIPMAN BENEFITS

ARMY. Advanced-Program cadets receive \$50.00 per month subsistence allowance. While attending the advanced summer camp all cadets receive \$193.20 per month plus travel and per diem allowances to and from camp. ROTC uniforms, texts, and supplies are provided by the Army. Two- and four-year scholarship cadets receive the same pay and allowance in the advanced course plus all college tuition, fees, textbooks, and classroom material for the duration of the scholarship. The four-year scholarship also includes \$50.00 per month subsistence during the freshman and sophomore years. Two-year Program cadets will receive approximately \$184.50 during the basic summer camp plus the travel and per diem allowances prior to entry into the advanced course and the advanced course payments as indicated above.

AIR FORCE. Pay: all cadets while in the Professional Officer Course (junior and senior year), \$50.00 subsistence allowance a month. *Financial Assistance Grant cadets*: all tuition, fees, \$75.00 per year toward cost of textbooks, and a subsistence allowance of \$50.00 a month. Summer Field Training pay of \$184.50 for six weeks, Two-year Program; \$193.20 for twenty-eight days, Four-year Program. Also, a travel allowance is paid to and from the field training site. Necessary uniforms and Air Force ROTC textbooks are furnished.

NAVY. Pay: Contract, \$50.00 retainer per month during last two years; Regular, all tuition, fees, cost of textbooks, and a subsistence allowance of \$50.00 a month during the entire program. Active duty pay of \$193.20 a month and traveling expenses are received during summer at-sea training. Uniforms and books for Navy courses are furnished all midshipmen by the Navy.

MARINES. Same as Navy.

CLASS AND LABORATORY HOURS REQUIRED EACH WEEK

ARMY. Freshman, two; sophomore, three; junior, first term, three; second term, four; and senior, first term, four; second term, three.

AIR FORCE. Corps Training: one hour per week. Classroom: variable depending on curriculum.

NAVY. Freshman: first term, one; second term, two; plus one ninety-minute laboratory session weekly. Sophomore: seminar every other week for half of each term; one ninety-minute laboratory session weekly during remainder of each term. Junior and senior: three hours weekly plus laboratory.

MARINES. Same as Navy.

BASIC PROGRAMS (First Two Years)

ARMY. Classroom study of the organization and function of the U.S. defense establishment and its role in national security, and an examination of American military leadership throughout our history. Classroom instruction and practical exercise towards acquiring the fundamentals of military leadership.

AIR FORCE. Classroom study of world military systems and international relations. Corps Training: classroom instruction in responsibilities, education, and environment of the junior officer; instruction and practice in basic drill and ceremonies. Summer field training for Financial Assistance Grant cadets: a four-week training session at the end of the sophomore year.

NAVY. Classroom study includes an introduction to the principles and practice of military management and a basic course in naval ship engineering systems, fundamentals of damage control and an overview of weapons systems in the first year. Sophomore requirements are fulfilled by completing history course 383-384 (History of American Foreign Relations.) The course is offered by the College of Arts and Sciences. Laboratory instruction includes naval orientation and leadership development. Seminars on naval subjects are conducted during half of each semester of the sophomore year.

MARINES. No separate program. Same as Navy.

ADVANCED PROGRAM

ARMY. Classroom study and practical application of the concepts of leadership and management and emphasis on the attainment of the attributes needed to perform the functional role of a junior officer.

AIR FORCE. *Classroom:* junior year, growth and development of aerospace power and space studies; senior year, leadership, management, and officer responsibilities. *Corps Training:* an average of four hours a month, junior and senior years. A leadership laboratory in which the cadet is exposed to advanced leadership experiences and applies principles of management learned in the classroom. *Summer Training:* a

four-week training session at an Air Force base at the end of the third year (Two-year Program cadets excluded). *Flying Program*: flight instruction during the senior year for all cadets accepted for pilot training. Includes ground school and 36½ hours of flying at Air Force expense.

NAVY. Classroom study in navigation, naval operations, principles of naval engineering, and military management. Laboratory periods are divided between leadership sessions and functional periods devoted to practical application of subject matter taught in class. *Summer at-sea training periods*: Four-year Contract, two at-sea training periods of six weeks at end of sophomore and junior year respectively. Two-year Contract students attend Naval Institute for six weeks during summer prior to entering program and participate in one at-sea training period following their first year in the NROTC; Regular, three at-sea training periods of about six weeks each. A Flight Indoctrination Program is provided during the next-to-last or last year for physically qualified midshipmen interested in marine or naval aviation.

MARINES. Classroom study to provide the student with a broad knowledge of the history of warfare, an understanding of the principles of modern strategy and tactics, a familiarization with current amphibious doctrine, and a working knowledge of the basic tenets of military leadership. Summer Program: Contract and Regular, six-week summer training conducted at Marine Corps School, Quantico, Virginia. Flight indoctrination is concurrent with the Navy program.

COMMISSIONING REQUIREMENTS

ARMY. Successful completion of Army Advanced ROTC Program to include attendance at a six-week advanced summer camp and award of a baccalaureate degree. Commissioned rank is second lieutenant.

AIR FORCE. Successful completion of the Air Force Professional Officer Course and the award of an undergraduate degree. Commissioned rank is second lieutenant.

NAVY. Successful completion of NROTC (Regular, Contract, or Marine Corps option) program and undergraduate study at Cornell. Commissioned ranks: Contract: ensign, Naval Reserve; or second lieutenant, Marine Corps Reserve. Regular: ensign, Navy; or second lieutenant, Marine Corps.

MARINES. See Navy.

SERVICE OBLIGATIONS AFTER GRADUATION

ARMY. Two-and four-year nonscholarship program: two years active duty, four years in a Reserve status, when commissioned in the Army Reserve. Cadets accepting a Regular Army commission or graduates of the Army Flight Training Program who are accepted for Army aviation

serve three years on active duty, three years in a Reserve status. Two- and four-year scholarship program: four years on active duty and two years in a Reserve status.

AIR FORCE. Four years' active duty for engineers or general-category graduates. For pilot and navigator trainees, five years after receipt of aeronautical rating.

NAVY. Contract: three years' active duty in the Naval Reserve or Marine Corps Reserve and three years in the Ready Reserve upon completion of active duty. Regular: four years minimum active duty in Navy or Marine Corps followed by a maximum of two years in the Ready Reserve. Volunteers for the law specialty have a four-year obligation and persons entering the aviation or nuclear power programs incur a five-year active duty obligation with a corresponding reduced Reserve requirement.

MARINES. See Navy.

ADVANCED STUDY

ARMY. Active duty deferments may be granted to selected individuals who desire to attend graduate school after commissioning. Length of active service time is not affected.

AIR FORCE. Newly commissioned officers may request delay in reporting for active duty while undertaking graduate study at own expense. Weather Officer candidates may receive one postgraduate year of college at government expense with no additional service obligation.

NAVY. Active duty deferments may be granted to certain highly qualified newly commissioned officers from the Contract programs to attend graduate school. Length of active service will not be affected. Regulars are not eligible for a delay in active duty, but superior performers may be selected for the Navy's Immediate Graduate Education Program (IGEP). IGEP is available to all Midshipmen, Contract or Regular, and further details are available at the NROTC unit on campus.

MARINES. Same as Navy.

SCHEDULING

Applicants who know to which service they plan to apply should inform the appropriate ROTC office and their particular college or school as early as possible so that academic schedules will include required ROTC activities.

Academic schedules for incoming freshmen are made up in the individual colleges during the summer. It is desirable that the student's wishes concerning ROTC be known when schedules are planned to avoid the possible inconvenience of adjusting schedules on registration day. Students are advised to visit the appropriate ROTC office prior to registration.

THE UNITED STATES ARMY ROTC PROGRAM

The general objective of the course of instruction is to procure and produce junior officers who by education, training, attitude, and inherent qualities are suitable for continued development as officers in the Army.

Intermediate objectives are to develop in each student—

- the fundamentals of self-discipline, integrity, and a sense of responsibility;

- an appreciation of the role of a participating citizen in matters dealing with national defense;

- the ability to evaluate situations, to make decisions, to understand people, and to practice those attributes considered essential in a leader.

GENERAL REQUIREMENTS

Basic Course (MS I and II)

To be enrolled in the basic course the student must—

- be a citizen of the United States;

- be physically qualified under prescribed standards;

- be regularly enrolled in the institution.

Veterans of the Armed Forces of the United States, subject to the approval of the professor of military science, may enroll and receive advanced standing.

Students entering college with ROTC credit from secondary or military schools (Junior Division ROTC) may also receive advanced standing for military instruction completed.

Advanced Course (MS III and IV)

Cadets electing the advanced course must—

- be selected by the professor of military science;

- have successfully completed the two-year basic course or the summer camp equivalent;

- be able to qualify academically for appointment as a second lieutenant prior to reaching twenty-eight years of age;

- successfully pass such physical and aptitude tests as may be prescribed;

- have at least two years of academic work remaining at this institution;
- execute a written contract with the United States government to complete the advanced course and to accept a commission as an officer, if tendered;

- enlist in the U.S. Army Reserve.



Cadet Battalion commander and staff lead Army ROTC unit



Rangers receive patrol mission

UNITED STATES ARMY RESERVE

Upon successful completion of the Army ROTC course, the student, unless commissioned in the regular Army, is appointed a second lieutenant, United States Army Reserve, in one of the branches of the Army such as Infantry, Artillery, Armor, Corps of Engineers, Signal Corps, Quartermaster Corps, or others. Although the needs of the Army must govern, he is allowed to express his preference for the branch of the Army in which he wishes to serve.

ROTC graduates commissioned in the United States Army Reserve will be ordered to active duty within one year of graduation unless deferred for the purpose of graduate studies.

Active duty commitment is two years.

THE CADET CORPS

Army ROTC cadets are organized into a cadet battalion for training in military drill and leadership. The battalion is commanded by a cadet colonel, and his subordinates rank from company commander to squad leader.

Prizes and awards are presented at the annual Presidential Review to cadets who have demonstrated outstanding ability in academic and leadership training.

DISTINGUISHED MILITARY GRADUATES

A number of appointments as second lieutenants in the Regular Army are tendered annually to ROTC graduates who have demonstrated above-average academic achievement and outstanding military qualities. All members of the Army ROTC unit are eligible to compete for these appointments.

Distinguished military graduates who accept Regular Army commissions enter the Army on the same basis as graduates of the United States Military Academy at West Point.

SCHOLARSHIPS

Army ROTC scholarships, which provide for tuition, fees, books, classroom supplies, and a \$50.00 a month subsistence allowance, are available to outstanding juniors who have completed basic ROTC as well as to freshmen who qualify prior to matriculation.

TWO-YEAR ROTC PROGRAM

The Two-year ROTC Program is open to all students with two years of academic study remaining at Cornell or at any other institution

which offers the Advanced ROTC Program. Applications are accepted from December to February, and selected students are notified during May. Selectees are required to complete a basic six-week summer camp prior to registering for the Advanced ROTC Program in the fall. Enrollment is competitive for this Program.

CURRICULUM AND SCHEDULE OF CLASSES

Basic Course (Freshman and Sophomore Years)

MS 111. Fall term. Two hours. T 9:05, 11:15; or Th 8, 10:10; and leadership laboratory W or Th 2:30.

One hour a week of classroom discussion on the history, organization, and mission of the ROTC program; U.S. Army organization, command and staff relationships, and the role of the U.S. Army in national defense and security. One hour a week in leadership laboratory covering the fundamental school of the soldier with and without arms, and training in individual weapons and marksmanship.

MS 121. Spring term. Two hours. T 9:05, 11:15; or Th 8, 10:10; and leadership laboratory W or Th 2:30.

One hour a week of classroom discussion on the U.S. Army in support of national security, the U.S. Army's role in revolutionary development, the U.S. Army's response to unconventional warfare, and an examination of the military force structure, technology, and doctrine of other world powers. One hour a week in a leadership laboratory dealing with the participation, control, and movement of the squad, platoon, and company in formations and ceremonies.

MS 212. Fall term. Three hours. M 9:05, 10:10; or T 8, 9:05; and W or Th 3:35; and leadership laboratory W or Th 2:30.

One hour a week of classroom discussion and case studies in American military history, 1609-1918; and one hour a week of classroom instruction and practical exercise in map and aerial photograph reading. One hour a week of practical work in leadership laboratory covering the exercise of command voice, duties and responsibilities of leaders at the squad and platoon level, and leading the squad and platoon.

MS 222. Spring term. Three hours. M 9:05, 10:10 or T 8, 9:05 and W or Th 3:35; and leadership laboratory W or Th 2:30.

One hour a week in continuation of American military history, 1936 to the present, and one hour a week of classroom instruction, discussion, and practical work in basic small unit tactics; and one hour a week in leadership laboratory exercising command at the squad, platoon, and company noncommissioned officer level.

Advanced Course (Junior and Senior Years)

MS 312. Fall term. Three hours. T Th 8, 9:05 or 11:15; and leadership laboratory W or Th 2:30.

Two hours a week of classroom study and practical exercises in military communications, internal defense development, and the principles and

18 ARMY ROTC PROGRAM

psychology of leadership; and one hour a week devoted to training in command leadership at the squad and platoon level.

MS 323. Spring term. Four hours. M, W 8, 9:05 or 11:15; W or Th 3:35; and leadership laboratory W or Th 2:30.

Three hours a week in classroom study in small unit tactics, branches of the Army, and methods of instruction; and one hour a week devoted to practical leadership instruction. Requires five field exercises of one-day duration and one field exercise of three days' duration, all conducted on weekends. The three-day exercise is conducted in Pennsylvania.

MS 413. Fall term. Four hours. M W F 8, 9:05 or 11:15; and leadership laboratory W or Th 2:30.

Three hours a week of classroom study in military operations, military intelligence and logistics, and one hour a week devoted to command and staff experience at the platoon, company, and battallion levels of command.

MS 422. Spring term. Three hours. T Th 8, 9:05 or 11:15; and leadership laboratory W or Th 2:30.

Two hours a week of classroom study in administrative management, military justice, world change and military implication, and obligations and responsibilities of an officer. One hour a week devoted to command and staff experience at the platoon, company, and battalion levels of command.

THE UNITED STATES NAVAL ROTC PROGRAM

The mission of the Naval ROTC is to provide, by a permanent system of training and instruction in essential naval subjects at civilian educational institutions, a source from which qualified officers may be obtained for the Navy and the Marine Corps, and for the Naval Reserve and the Marine Corps Reserve.

The Department of Naval Science at Cornell offers a four-year course in Navy and Marine Corps subjects which can be integrated into almost any field of academic study which leads to a baccalaureate or higher degree.

Graduates are required to accept a commission in the Navy or Marine Corps and to report for a period of obligated active service immediately on attainment of the baccalaureate degree. A limited number of graduates are permitted to delay their active naval service to pursue graduate study at their own expense.

REGULAR PROGRAM

Regular NROTC students are selected annually by state selection boards on the basis of a nationwide competitive examination held in December of each year for students entering college the following year. The Regular NROTC Program is a Navy-subsidized program for young men motivated towards a Navy career. All tuition, fees, books, uniforms, plus \$50.00 a month are provided the Regular student during his entire time in the Program.

FOUR-YEAR CONTRACT PROGRAM

Four-year Contract students are selected on the campus by the professor of naval science, Cornell University. A quota of about forty-five Four-year Contract students will be selected during the fall registration period and will be enrolled as civilians by execution of a contract with the Navy. The Four-year Contract Program is selective. All freshmen, or sophomores in a five-year program, who are interested in the Contract NROTC Program should visit the NROTC headquarters during the registration period for application and interview.

Four-year Contract students receive free naval science textbooks, naval course materials, and uniforms. A retainer of \$50.00 a month during the last two years is provided. Two summers of at-sea training for a period of about six weeks following the second and third year provide an opportunity for practical experience on naval ships and aircraft.

Four-year Contract students are also eligible to apply for the Regular Program and may do so by taking the nationwide examination in

December. If selected, the Contract student immediately becomes a Regular student with the scholarship benefits and active duty requirements inherent in the Regular Program.

TWO-YEAR CONTRACT PROGRAM

Two-year Contract students are selected in January and February for entrance into the Program the following summer. Final selection is made by the Bureau of Naval Personnel. Eligible applicants include sophomores in good standing, either who are from Cornell or who will be transferring to Cornell; students beyond the sophomore class level who have at least two years remaining in school; and graduate students, or seniors going to graduate school, who have two remaining years of study prior to receiving their advanced degree. Candidates for the Two-year Contract Program will attend a special six-week training session during the summer preceding their entrance into the Program at Cornell. At the summer session, courses undertaken will be those normally studied during the freshman and sophomore years. Successful completion of the six-week session qualifies the candidate for enrollment at the junior level of the Contract NROTC Program.

Applicants for the Two-year Program may choose either the surface, aviation, or marine option. Supply and science and engineering options are available for those not physically qualified for the above. Finally, a law option is available for law school students in their first year or seniors planning to attend law school.

Two-year Contract students will receive the same retainer pay, books, and uniforms as the Four-year Contract students for the last two years. An at-sea training period of six weeks is required for the Two-year Contract student in the summer following his first year in the Program. Two-year Contract students are not eligible for the Regular Program.

NAVAL SCIENCE STUDENT

The courses within the NROTC Program are open to all members of the Cornell student body as space limitations will allow. The non-Navy ROTC student will not be required to attend laboratory sessions or be issued uniforms. Only fully enrolled NROTC students will be tendered a commission at the completion of the Program.

GENERAL CURRICULUM

Students enrolled as Contract or Regular NROTC students attend the same classes and receive the same instruction. The curriculum for the first two years is common to both Navy and Marine Corps candidates. During the second year a student may elect the Marine Corps curriculum for the third and fourth years and, if selected, will receive his



"Fly Navy" and see the world



Summer-at-sea training

commission in the Marine Corps. These courses are indicated by the M in the curriculum and schedule of classes (301M, 302M, 401M, and 402M).

REQUIREMENTS

An applicant for the Naval ROTC Program at Cornell must be a male citizen of the United States; he must have reached his seventeenth and not have passed his twenty-first birthday on June 30 of the entering year. If he matriculates in a major field of study requiring five years for a baccalaureate degree, he must not have passed his twentieth birthday on June 30 of the entering year. Students enrolled in a five-year academic program will be placed in a leave status with respect to the Department of Naval Science (draft deferment continues) during the third year. Waivers of the upper age limit may be granted on an individual basis by the Chief of Naval Personnel up to age twenty-seven and a half at time of appointment for *Contract* students.

Physical requirements are discussed at the beginning of this *Announcement* under ROTC Programs in Brief. Any questions regarding physical requirements should be referred to the NROTC unit for clarification.

Academic requirements make no restrictions on the courses in which a Contract student may enroll, provided the courses lead to a baccalaureate degree. Regular students are limited to some extent in the selection of their major courses of study. In addition to the required naval science courses, the following University-taught courses must be completed prior to commissioning: (a) American Military Affairs and National Security Policy, or designated equivalent courses in history or political science; (b) mathematics through calculus, or a course in statistics and probability, or designated equivalents; (c) physics or chemistry, or biological or earth sciences; and (d) computer science. The Professor of Naval Science may authorize waivers of the foregoing courses based on prior satisfactory completion of equivalent courses.

NROTC FLIGHT INDOCTRINATION PROGRAM

The NROTC Flight Indoctrination Program is available at no cost to junior and senior NROTC students motivated towards naval or marine aviation. This selective program affords an opportunity to become proficient in the fundamentals of aviation and to qualify for a private pilot's license through the Federal Aviation Agency.

The Program provides thirty-five hours of ground instruction and forty hours of flying instruction. Upon commissioning, the graduate is ordered to naval aviation training at Pensacola, Florida.

DUTY ASSIGNMENTS

The student, upon graduating and meeting the physical requirements, will be commissioned as an ensign, U.S. Navy (Regular students);

ensign, U.S. Naval Reserve (Contract students); second lieutenant, U.S. Marine Corps (Regular Marine Corps students); or second lieutenant, U.S. Marine Corps Reserve (Contract Marine Corps students).

Graduates commissioned ensign, U.S. Navy, or U.S. Naval Reserve are ordered to sea duty or shore duty as the needs of the Navy require. Each graduate has an opportunity to request his preferred type of duty upon graduation. These requests are given careful consideration, and every effort is made to assign the newly commissioned officer duty of his preference. Choices of duty include: aviation, submarines, large and small surface ships, nuclear power training, civil engineering corps, supply corps, mess management for hotel students, and law.

Delay in active duty to attend graduate school is available to a limited number of Contract students depending on the Navy's needs at the time. In addition, highly qualified Contract and Regular students may apply for the Navy's Immediate Graduate Education Program which provides a Master's degree in one year in a large variety of academic specializations. Graduate study is also available after the initial tour of duty.

Graduates commissioned in the U.S. Marine Corps and U.S. Marine Corps Reserve are ordered to a seven-month basic course at Quantico, Virginia. Upon completion of the basic course, each officer has the opportunity to request his preferred type of duty. Active duty requirements for Marine Corps officers commence on compliance with orders to active duty.

CURRICULUM AND SCHEDULE OF CLASSES

101. PRINCIPLES OF NAVAL ORGANIZATION AND MANAGEMENT

Throughout the year. Credit three hours. Lecture-recitation, First semester: T 9:05 or 11:15. Second semester: T Th 9:05 or 11:15. Laboratory, W 7:30-9 P.M.

An examination of naval organization and management practices and underlying concepts within the context of American industrial organization and practice. Line of command and control, organization, service and support functions of the defense establishment are studied. Introduces findings from the behavioral science relevant to the leadership function in groups and organizations. Required of all first-year NROTC students.

201-202. AMERICAN MILITARY AFFAIRS AND NATIONAL SECURITY POLICY

Fall and spring terms. Credit eight hours. Lecture-recitation as scheduled in the *Announcement of the College of Arts and Sciences*. Laboratory, see below.

Throughout the year. Classroom requirements for these naval science studies are fulfilled during the sophomore or junior year by completing the course, History 383-384 (History of American Foreign Relations) offered by the College of Arts and Sciences. Sophomores participate every other week in two-hour seminars on naval subjects conducted during half of each semester. During the remaining half, sophomores participate in regular scheduled NROTC laboratory periods. Required of all third- and fourth-term NROTC students.

24 NAVAL ROTC PROGRAM

301. NAVIGATION

Fall term. Credit three hours. Lecture-recitation, M W F 8, M W F 10:10. Laboratory W 7:30-9 P.M.

An intensive study of the scientific principles upon which celestial navigation, piloting and electronic navigation depend. Complete theory of marine surface position determination. Competence in the art of navigation is developed through practice with current publications, instruments, and chart work. Required of all fifth-term NROTC students except Marine Corps candidates.

302. NAVAL OPERATIONS AND ANALYSIS

Spring term. Credit three hours. Lecture-recitation, M W F 8 or 10:10. Laboratory W 7:30-9 P.M.

Study and analysis of the procedures and decision-making process involved in ship movement and employment in defensive and offensive situations. Tactical formations and dispositions, relative motion, maneuvering board, and tactical plots are evaluated for force effectiveness and unity. Includes study of Rules of the Nautical Road, lights and navigational aids. Required of all sixth-term NROTC students except Marine Corps candidates.

401. NAVAL ENGINEERING SYSTEMS

Fall term. Credit three hours. Lecture-recitation, M W F 8 or 11:15. Laboratory W 7:30-9 P.M.

An intensive study of the theory and principles underlying naval ship construction, shipboard stability and damage control, and marine engineering systems. The science of thermodynamics is introduced to enable complete understanding of the heat transfer processes required for the efficient operation of the propulsion system. Steam turbines, diesel engine, gas turbine and nuclear reactor systems are studied as the full range of modern power sources are examined by the student. The operation of supporting energy transfer systems is explored. Required of all seventh-term NROTC students except mechanical engineering and Marine Corps candidates.

402. PRINCIPLES OF MILITARY MANAGEMENT

Spring term. Credit three hours. Lecture-recitation, M W F 9:05 or 11:15. Laboratory W 7:30-9 P.M.

A comprehensive study of the scientific principles and functions of management and their application in the naval environment. Deals with the structure and dynamics of naval organization. Examines how effective conduct of management functions results in attainment of organizational objectives. Investigates theories and findings from the behavioral sciences relevant to leadership and the influence process in groups and organizations. Particular emphasis on self development and individual responsibility. Required of all eighth-term NROTC students except Marine Corps candidates.

401-402M. HISTORY OF AMPHIBIOUS WARFARE

Throughout the year. Credit three hours per semester.

A detailed study of amphibious warfare from 1898 to present with emphasis on the development of doctrine during the period 1898-1942 and the application of this doctrine during World War II.

THE UNITED STATES AIR FORCE ROTC PROGRAM

The mission of the Air Force ROTC is to produce highly qualified career officers to fulfill stated Air Force requirements.

The Department of Aerospace Studies offers both a Four-year and a Two-year Program leading to a commission in the United States Air Force Reserve. Courses of study are designed to prepare the student for his role as an informed citizen and to develop the cadet into a well-rounded Air Force officer.

Starting in September 1969, the Department of Aerospace Studies will institute an experimental course substitution program. Under this program, cadets will substitute regular college courses in place of some of the Air Force ROTC courses.

THE FOUR-YEAR PROGRAM

The Four-year Program consists of four semesters of the General Military Course, four semesters of the Professional Officer Course, a four-week summer field training unit between the junior and senior years, and Corps Training each semester. Acceptance to the Professional Officer Course is based upon the student's academic and physical standards and his general performance during the first two years.

GENERAL MILITARY COURSE

The General Military Course (GMC) covers the freshman and sophomore years and includes courses in introductory aerospace studies, leadership, and international relations. Introductory aerospace studies and leadership are taught by Air Force officers. Textbooks and uniforms are furnished. A \$30.00 uniform deposit is required. International relations is taught in the Department of Government, College of Arts and Sciences. See Curriculum for course description and requirements.

PROFESSIONAL OFFICER COURSE

The Professional Officer Course (POC) is an advanced course of instruction in aerospace studies and leadership experiences during the junior and senior years. Each cadet accepted into the POC must enlist in the Air Force Reserve. He also signs an agreement to complete the program and accept a commission in the Air Force Reserve, if tendered, upon graduation. Each cadet receives a subsistence fee of \$50.00 a month for a maximum of twenty months. Uniforms and books are furnished at no cost to the cadet.

Cadets are classified in relation to their college educational background.

Category I. Pilot and navigator

Category II. Technical (Engineering and Science)

Category III. Nontechnical (Agriculture, History, English, etc.)

See the Curriculum section for course description.

Field Training (Four-year Program)

The cadet attends a four-week summer field training unit at an Air Force base, usually close to his home, between the junior and senior years.

The field training unit provides the opportunity to see the Air Force in action. The cadet will visit various offices and agencies that are normally found on an Air Force base, such as those related to engineering, the military police, procurement, supply, food service, and legal. He also participates in an orientation flight.

Each cadet attending the field training program is furnished uniforms, medical attention, food, lodging, transportation to and from field training, and pay of \$193.20.

TWO-YEAR PROGRAM

The Two-year Program involves a six-week summer field training unit and the Professional Officer Course. In order to participate, a student must have two years of undergraduate or graduate study remaining. He must be physically and mentally qualified and recommended by an Air Force ROTC interview board for attendance at the six-week field training unit.

Since completion of this field training unit is a prerequisite for entry into the program, application for entry should be made to the professor of aerospace studies (ROTC) not later than January 15 preceding attendance at the summer field training unit.

Field Training (Two-year Program)

The two-year applicant attends a six-week summer field training unit at an Air Force base.

The six-week course includes substantial class work in world military systems. Otherwise, the training is similar to that received in the four-week training unit.

Each cadet attending the field training program is furnished uniforms, medical attention, food, lodging, transportation to and from field training, and pay of \$184.50.



FIP training conducted in the light aircraft



Area commandant presents award to sophomore cadet

FINANCIAL ASSISTANCE GRANTS (Four-year Program)

Qualified cadets are offered the opportunity to apply for Financial Assistance Grants. These grants are based upon individual qualifications and the needs of the Air Force.

Entering freshmen may apply during their high school senior year.

All other Air Force ROTC cadets may apply each year. In order to apply, these cadets must have at least a 2.5 cumulative grade point average and meet commissioning physical requirements.

Each cadet, upon accepting a Financial Assistance Grant, must enlist in the Air Force Reserve. He also signs an agreement to complete the program and accept a commission, if tendered, upon graduation.

This grant pays tuition, fees, \$75.00 a year toward textbook costs, and a subsistence allowance of \$50.00 a month.

CURRICULUM

General Military Course

Freshman Year:

Cadet is required to take AS 1A, AS 1B in addition to Corps Training each semester.

AS 1A (fall term) WORLD MILITARY SYSTEMS

Credit one hour.

An introductory study of United States military forces is begun by analyzing the mission of the Department of Defense and the doctrine, mission, and functions of the United States Air Force. The Air Force's Strategic Air Command and the Navy's Fleet Ballistic Missile System are analyzed as elements of the United States strategic offensive forces.

AS 1B (spring term) WORLD MILITARY SYSTEMS

Credit one hour.

A study of United States strategic defense forces, general purpose forces and aerospace support forces. Includes their mission, functions, and organization, and field trips to operational bases. The cadet is given the opportunity to study and analyze the requirements for future weapons systems.

INITIAL MILITARY EXPERIENCES (CORPS TRAINING)

See description under Sophomore Year.

Sophomore Year:

Cadet is required to take one of the two government courses as listed below and Corps Training each semester.

GOVERNMENT 471 (fall term) INTERNATIONAL LAW

Credit four hours.

International law and its sources; conceptual framework; operative principles of the League of Nations Covenant, the United Nations Charter, the war in Vietnam, the Cuban missile crisis, the Korean war, the Middle East conflict, 1948-1967, the Congo crisis, basic rules of land, sea, and air warfare, disarmament, judgment at Nuremberg, laws of war, neutrality, and civil war.

GOVERNMENT 372 (spring term) INTERNATIONAL RELATIONS

Credit four hours.

A critical examination of the diversity of the world, fundamental concepts of international relations, concept of power and national interest, international systems (alliances), the cold war, the north-south conflict, contemporary military strategy and problems, international organizations and United States strategic policy.

INITIAL MILITARY EXPERIENCES (CORPS TRAINING)

Fall and spring term. Corps training is taken in conjunction with each semester of GMC.

The cadet is introduced to the responsibilities, life and work of an Air Force officer. He gains experience in actual leadership situations and learns the fundamentals of military drill and ceremonies, wearing the uniform, military courtesy and discipline and organization.

Professional Officer Course

Junior Year:

Prerequisites for the junior year include completion of GMC or the six-week field training unit. All cadets are required to take AS 3A and Aerospace Engineering 7901. Engineering and science cadets are required to take Aerospace Engineering 7001 and 7002. Cadets pursuing non-technical majors will take Physics 201 and 202. All cadets are required to take Corps Training each semester.

AS 3A (fall term) GROWTH AND DEVELOPMENT OF AEROSPACE POWER

Credit two hours.

A survey of the nature of military conflict and the development of aerospace power in the United States. Includes a review of the mission and organization of the Department of Defense and the study of Air Force doctrine and concepts of employment.

AEROSPACE ENGINEERING 7901 (fall and spring terms) AEROSPACE ENGINEERING COLLOQUIUM

Credit one hour.

Lectures by visiting aerospace scientists and Cornell staff members on topics of interest in aerospace science, especially in connection with new research and developments.

AEROSPACE ENGINEERING 7001 (fall term) INTRODUCTION TO AERONAUTICS

Credit three hours.

Open to upperclass engineers and others by permission of instructor. An

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introduction to atmospheric flight vehicles. Principles of incompressible and compressible aerodynamics, boundary layers and wing theory. Propulsion systems including analysis of engine types, propellers, fans and rotors. Aircraft and helicopter performance, power required, etc. Elementary stability and control.

AEROSPACE ENGINEERING 7002 (spring term) INTRODUCTION TO AEROSPACE SYSTEMS

Credit three hours.

Various topics will be treated from the following list: mechanics of trajectories and orbits; propulsion systems including chemical, nuclear and advanced; guidance, tracking and communication systems; the problem of reentry; life support. Applications to be discussed will include missiles and military systems, communication and navigation satellites, geology, cis-lunar probes, lunar and planetary exploration and deep space probes.

PHYSICS 201 (fall term) ASPECTS OF THE PHYSICAL WORLD

Credit three hours.

The central aim is to give nonscience majors insight into the methods and results of physics and its neighboring sciences. A set of widely ranging but related topics are considered, without attempting to survey physics systematically at any level. Diversity of treatment is employed. Topics are: nature of space and time, relativity, the solar system and gravitation, atoms and the structure of matter, semiconductor devices and elementary particles.

PHYSICS 202 (spring term) ASPECTS OF THE PHYSICAL WORLD

Credit three hours.

Course description same as Physics 201.

ADVANCED LEADERSHIP EXPERIENCES (CORPS TRAINING)

See description under Senior Year.

Senior Year:

All cadets are required to take AS 4B and one of the four management courses as outlined below. Corps Training is required each semester.

AS 4B (spring term) THE PROFESSIONAL OFFICER

Credit three hours.

A study of Air Force leadership at the junior officer level including basic concepts of human behavior, motivation and human relations. Leadership and leadership variables are analyzed by group discussion, case studies, and role playing. Essentials of the military justice system are examined. Cadets present oral and written reports.

BPA 121 (fall term possibly spring term) PERSONNEL ADMINISTRATION AND HUMAN RELATIONS

Credit three hours.

The objective of this course is to develop an understanding of the policies, methods, and techniques utilized in personnel management and human relations as management functions. Specific attention is given to problems of recruitment, selection, training, compensation, motivation, communications, service and benefit programs, performance evaluation, management by objec-

tives, safety, discipline, and community relations. The capacity to analyze problems, to select the most effective means of dealing with them, and to plan appropriate courses of action is developed through case examples. Attention is also given to analysis of trends in personnel management.

ILR 326 (spring term) MANPOWER AND ORGANIZATION MANAGEMENT

Credit three hours.

Study and analysis of public and private policies and programs for forecasting, planning, recruiting, selecting, developing, utilizing, upgrading, rehabilitating and evaluating manpower resources at the individual organizational (micro) level and at societal (macro) level. A multidisciplinary approach is used in an analysis of theory, policy, and programs. At the public level this subject matter involves identification and measurement of human talent; education, training and development of the work force; manpower planning, manpower information and standards; motivation and morale factors; mobility; distribution of manpower; rehabilitation and other organizational analysis, planning, and reorganization; manpower forecasting and planning; recruitment and selection of work force; education, training, development and retraining; compensation, incentives and rewards; performance appraisal; communications systems; leadership, supervision and control; manpower utilization and analysis of problems.

ILR 450 (fall term) PERSONNEL ADMINISTRATION IN SUPERVISION

Credit three hours.

A review of the personnel function in business and industry with emphasis on the personnel responsibilities of the line supervisor. The course is closely linked to evidence developed by behavioral sciences research. Topics of discussion will include organization theory, leadership, organization structure and change, group influences on individuals, employee motivation, and other human problems of management. Specific personal administrative functions and practices, as they are related to these problems, also will be included e.g., selecting, inducting, training, rating, and compensating employees; and developing techniques for interviewing, adjusting complaints and grievances, and aiding in the solution of employee and supervisory problems. Selected readings, case studies, discussion and projects.

ILR 527 (fall term) MANAGEMENT AND LEADERSHIP DEVELOPMENT

Credit three hours. (Open only to ILR students or students with adequate academic background).

Study of the factors affecting growth and development of managers and leaders in industrial and other organizations. Consideration is given to organizational environment, formal and informal developmental programs, leadership theory, and individual attitudes and beliefs. Special emphasis is given to analysis of specific case studies of actual practice.

ADVANCED LEADERSHIP EXPERIENCES. (CORPS TRAINING)

Fall and spring term. Corps Training is taken in conjunction with each semester of POC.

A cadet military organization, the Cadet Group, is used as a vehicle to develop leadership potential. Cadets plan, organize, and supervise all activities in the Cadet Group, thus participating first-hand in duties, functions, and responsibilities of Air Force commanders.

FLIGHT INSTRUCTION

Prospective pilots in their senior year participate in the Air Force ROTC flight instruction program at no cost.

This flying program consists of 361½ hours of flying training in a light aircraft at a local airport. Upon completion of the program, a cadet may apply for a private pilot's license through the Federal Aviation Agency.

ACTIVE DUTY

Upon completion of either the Four-year or Two-year Air Force ROTC Program and graduation from Cornell, the cadet is commissioned a second lieutenant, Air Force Reserve. The length of active service required is four years for engineers and general service category officers. Pilot and navigator trainees are required to complete five years after receipt of their aeronautical rating. Service is normally as a second lieutenant for one and one-half years, as a first lieutenant for one and one-half years, and as a captain after three years. Those who wish to obtain advanced degrees may apply for educational delay in reporting for active duty.

Those cadets designated as Distinguished Air Force ROTC Graduates may be offered commissions in the Regular Air Force upon graduation. Others have an excellent opportunity to compete for a regular commission during their early years of service.

Duty Assignments

Air Force policy has been to assign each new officer to a career field which closely approximates his educational background. Students in the engineering-scientific category may be assigned to practice in their specialty in research and development, communications, aeronautics, astronautics, design and development, the biological sciences, computer design and maintenance, weather, or various other engineering and scientific fields. They will work under the supervision of some of the most highly qualified men in their field and have access to the latest scientific facilities and equipment.

Pilots and navigators, after completion of flying training, are assigned primary duties flying various aircraft types depending upon their desires and the needs of the Air Force.

Those officers graduating under the general category can anticipate assignments in man-power management, administration, logistics, police and investigation, intelligence, personnel, transportation, information, and numerous other career fields. They will use their educational backgrounds in positions of responsibility and be given the opportunity to develop further their managerial and administrative skills.

ROTC EXTRACURRICULAR ACTIVITIES

RIFLE TEAMS

Cornell University has a varsity and freshman rifle team coached by a member of the Department of Military Science. The varsity participates in twenty "shoulder-to-shoulder" matches a year including the annual Ivy League Tournament and the National Rifle Association Sectional Matches. (Cornell has won the Ivy League Championship the past three years.)

In addition, the Army sponsors an ROTC rifle team that competes for national and intercollegiate honors through the medium of postal matches.

The range is located in Barton Hall where weapons, ammunition, targets, and instruction are provided.

SCABBARD AND BLADE

The National Society of Scabbard and Blade, a triservice military honorary society, is represented at Cornell by Company C, 1st Regiment. Its purpose is to raise the standard of military education in colleges and universities, to unite the military departments in closer relationships, to encourage and foster the essential qualities of good and efficient officers, and to promote friendship and good-fellowship among all cadet officers. Membership is selected from ROTC cadets of all three services.

ARNOLD AIR SOCIETY

The Arnold Air Society is a national honor society, named for the late General Henry H. (Hap) Arnold of the Air Force. It was organized in order to further the purpose, mission, tradition, and concept of the United States Air Force as a means of national defense, promote American citizenship, and create a close and more efficient relationship among the Air Force Reserve Officers' Training Corp cadets. Membership is offered to a limited number of Air Force cadets. The society has over 170 squadrons on campuses of various colleges and universities in the United States and Puerto Rico.

NARMID (Naval Honorary Society)

The NARMID Society is an honorary society open to members of the junior and senior class and second-term sophomores who have participated in at least one at-sea training period and who stand high in their class in aptitude for the service. NARMID acts as a service organization managing the extracurricular social, athletic, and journalistic activities program for midshipmen in the NROTC unit. The society also conducts

its own social and fraternal program to promote the spirit of comradeship among the members. Because of its wide range of activities, the Society enables its members to assume responsibilities early and better prepares them for the duties required of naval and marine officers.

SEMPER FIDELIS SOCIETY (Marine Corps Honorary Society)

Those eligible for membership in the Semper Fidelis Society are Cornell students enrolled in a program leading to a commission as an officer in the United States Marine Corps.

The objective of this Society is to prepare future officers of the United States Marine Corps for their responsibilities when commissioned. This is accomplished by the dissemination of information pertinent to a better understanding of officers' duties, by the stimulation and protection of the high tradition and ideals of the United States Marine Corps, by the promotion of good fellowship, and by the cultivation of social virtues among the members.

ROTC BRIGADE BAND

The ROTC Brigade Band furnishes music for drills, parades, and honor guards.

Any cadet who plays a musical instrument is encouraged to try out for the band.

THE CORNELL RANGERS

The Cornell Rangers are dedicated to learning skills which increase an individual's confidence and help him become an effective combat leader. Its long-range objectives are to realize the value of staying in good physical shape, to achieve proficiency in Ranger operations, to promote enthusiasm for the ROTC program, and to motivate qualified cadets to seek a career in the Army.

The program emphasizes outdoor training and learning by doing. Training is conducted twice weekly by qualified senior cadets of the organization and supervised by the Army ROTC cadre. Membership is selected from Army, Navy, and Air Force ROTC cadets.

SELECTIVE SERVICE

Male college students between the ages of eighteen and twenty-six must be registered with their Selective Service Boards. Information may be obtained at the Office of the Dean of Students, 133 Day Hall, Cornell University, Ithaca, New York 14850.

REQUEST FOR FURTHER INFORMATION

Requests for further information regarding admission to the ROTC programs may be made by filling out and mailing the coupon below. (Cross out all but desired addressee.)

- - - - -

- Professor of Military Science
- Professor of Naval Science
- Professor of Aerospace Studies (ROTC)
- Cornell University, Ithaca, New York 14850

Dear Sir:

I would like to receive further information about:

[check one]

- ☐ Army ROTC.
- ☐ Naval ROTC.
- ☐ Air Force ROTC.

Please register me tentatively for your program. I will be in the College (or School) of

Signature

Name (printed)

Address

(Enter specific questions on reverse side.)