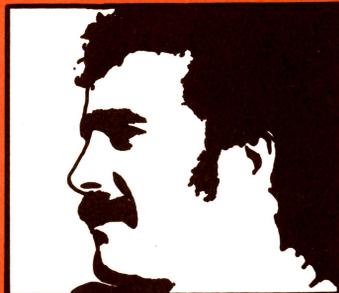
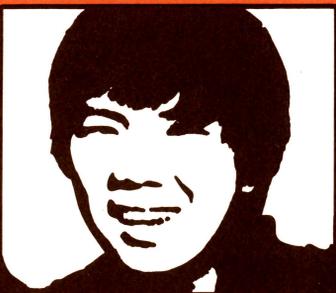
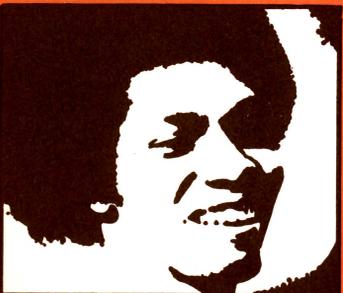
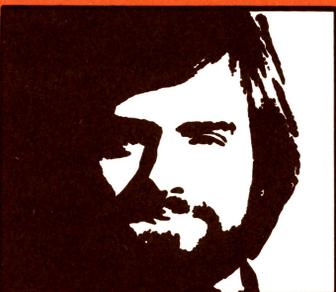


FEB 2 1979

University of Missouri-Columbia

Bulletin



ROTC

University of Missouri-Columbia Calendar

First Semester

New Student Orientation and Registration
Registration
Classwork begins, 7:40 a.m.
Labor Day Recess
Preregistration (Winter) begins
Preregistration (Winter) ends
Thanksgiving Recess Begins, 5:30 p.m.
Classwork resumes, 7:40 a.m.
First Semester Classwork ends, 5:30 p.m.
Stop Day
Final Examinations begin
First Semester closes, 5:00 p.m.

1979

Thurs., Aug. 23
Fri., Aug. 24
Mon., Aug. 27
Mon., Sept. 3
Mon., Oct. 22
Wed., Oct. 31
Tues., Nov. 20
Mon., Nov. 26
Tues., Dec. 11
Wed., Dec. 12
Thurs., Dec. 13
Thurs., Dec. 20

Second Semester

New Student Orientation
Registration
Classwork begins, 7:40 a.m.
Preregistration (Summer & Fall) begins
Preregistration (Summer & Fall) ends
Spring Recess begins, 12:30 p.m.
Classwork resumes, 7:40 a.m.
Second Semester Classwork ends, 5:30 p.m.
Stop Day
Final Examinations begin
Second Semester closes, 5:30 p.m.
Annual Commencement

1979

Thurs., Jan. 11
Fri., Jan. 12
Mon., Jan. 15
Mon., March 19
Fri., March 23
Sat., March 24
Mon., April 2
Wed., May 2
Thurs., May 3
Fri., May 4
Fri., May 11
Sat., May 12

1980

Thurs., Jan. 10
Fri., Jan. 11
Mon., Jan. 14
Wed., April 2
Tues., April 8
Sat., March 22
Mon., March 31
Wed., April 30
Thurs., May 1
Fri., May 2
Fri., May 9
Sat., May 10

Summer Session

Eight-Week Session

Registration and Orientation
Classwork begins, 7:30 a.m.
Summer Welcome begins
Independence Day Recess
Summer Welcome ends
Summer Session closes, 5:00 p.m.
Summer Commencement

Mon., June 11
Tues., June 12
Sun., June 17
Wed., July 4
Tues., July 17
Fri., Aug. 3
Fri., Aug. 3

Mon., June 9
Tues., June 10

Fri., July 4

Fri., Aug 1
Fri., Aug. 1

Four-Week Session I

Registration and Orientation
Classwork begins, 7:30 a.m.
Independence Day Recess
Session I closes, 5:00 p.m.

Mon., June 11
Tues., June 12
Wed., July 4
Fri., July 6

Mon., June 9
Tues., June 10
Fri., July 4
Thurs., July 3

Four-Week Session II

Registration
Classwork begins, 7:30 a.m.
Session II closes, 5:00 p.m.
Summer Commencement

Mon., July 9
Tues., July 10
Fri., Aug. 3
Fri., Aug. 3

Mon., July 7
Tues., July 8
Fri., Aug. 1
Fri., Aug. 1

University of Missouri-Columbia Bulletin (USPS 651-820)

Volume 80 Number 4 February 15, 1979 General 1979 Series Number 4
Published by the UMC Publications Office, 311 South Fifth Street, Columbia, Missouri 65211.
Issued monthly as follows: three times in January, March, April and November; twice in February, May, June, July, August, September and October. Second-class postage paid at Columbia, Missouri.

University of Missouri-Columbia

Army, Navy & Air Force ROTC

1979-80

Contents

Army ROTC	4
Benefits	4
The Program	4
Academics	5
Statement of Courses	7
Navy/Marine ROTC	8
Programs	8
Academics	9
Midshipman Activities	10
Service Obligation	11
Statement of Courses	11
Air Force ROTC	12
Programs	12
Qualifications	14
The Corps of Cadets	15
Statement of Courses	15

All statements in this publication are announcements of present policies only and are subject to change at any time without prior notice. They are not to be regarded as offers to contract.

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Citizen Soldiers Learn to Lead at UMC ROTC

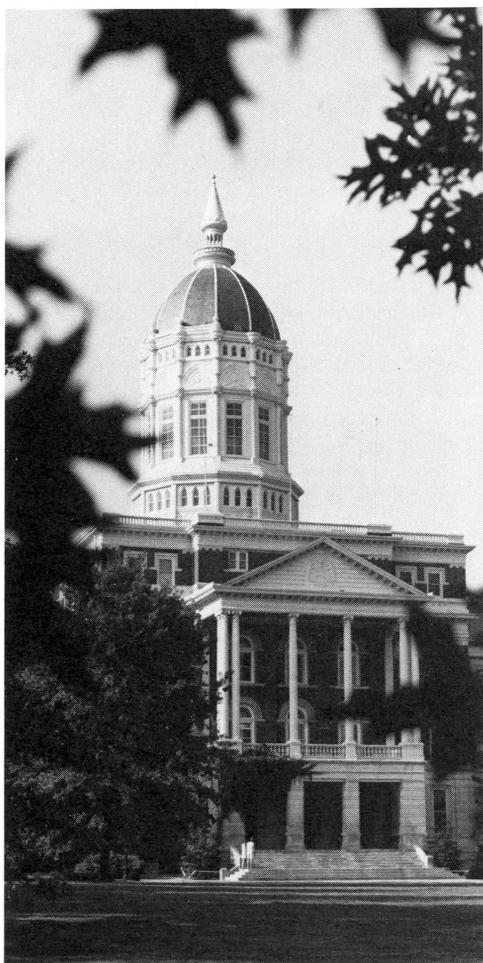
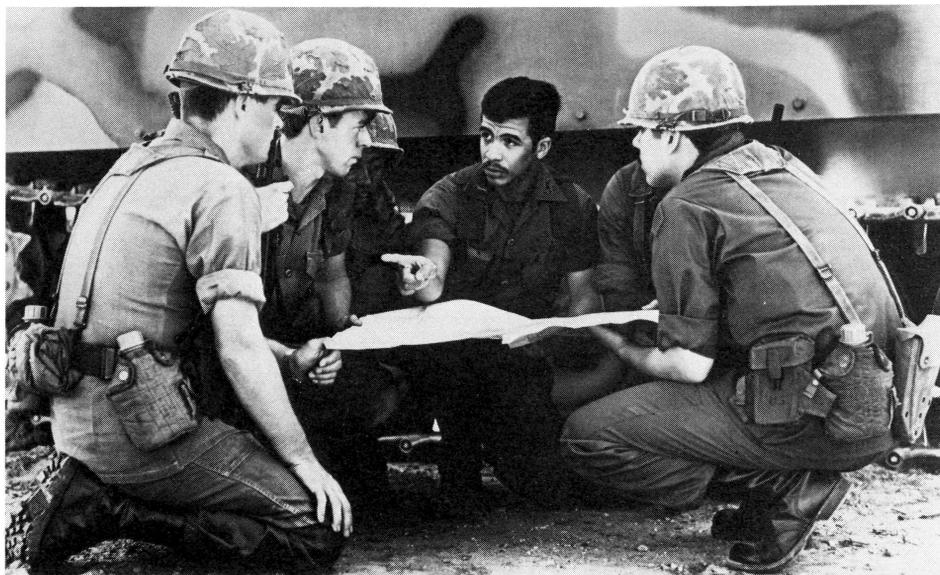
The University of Missouri–Columbia has proudly provided “citizen soldiers” to the nation’s armed forces for over one hundred years. Today, several hundred Mizzou men and women are working toward the academic degree of their choice while, at the same time, preparing to serve at graduation as officers in the United States Armed Forces. Their desire to serve the nation while gaining valuable experience in challenging and rewarding officer positions is made possible through UMC’s academic courses in military science (Army ROTC), naval science (Navy-Marine ROTC), and aerospace studies (Air Force ROTC).

UMC’s ROTC programs provide valuable leadership and management experiences to students who enroll in them. It is important to understand that freshmen and sophomores can enroll in ROTC on a “find out if it’s for you” basis, with absolutely no service obligation.

Each ROTC program offers attractive scholarships, financial payments and many enjoyable social activities. Officers of each UMC ROTC staff are available to answer your questions and to discuss their program with you personally. I believe that the many advantages of UMC’s three ROTC programs deserve your careful consideration when you enroll at UMC.

Sincerely,

Barbara S. Uehling
Chancellor



Army ROTC

The purpose of the Army Reserve Officers Training Corps (AROTC) is development of well-educated young men and women for positions of responsibility in the United States Army. The idea of the Army officers corps being composed primarily of graduates of a university like UMC, where the concepts of a liberal education prevail, is in keeping with our American concept of the "citizen-soldier" and civilian control over our military forces. It provides civilian-oriented leadership from all geographic and social strata of our society. It has produced successful leadership that is characterized by initiative, ingenuity and flexibility. Army ROTC cadets may elect to go into the Regular Army, the Army Reserve, or the Army National Guard upon graduation. The program provides a unique resource of leadership, not only for national defense but also for civilian enterprise.

Army ROTC adds another dimension to the college graduate's education by developing the ability to organize, motivate and lead people. Experience as a U.S. Army officer develops maturity, dependability, responsibility and other qualities needed for professional advancement in all walks of life.

Benefits

Army ROTC offers UMC students: **A challenging, important,** and well-paid job at graduation in one of the many professional fields that the modern Army has to offer. The starting pay for a second lieutenant is now approximately \$12,000 per year. **College financing.** All students accepted in the final two years of Army ROTC are paid a minimum of \$2500 (all receive \$100 per month for 10 months each year, plus a salary and transportation expenses for a six-week summer training session). **One-, two-, three-, and four-year scholarships.** Fully enrolled University students are eligible for the many ROTC scholarships. Army ROTC scholarship students receive \$100 per month and total payment for University tuition, incidental and laboratory fees, books and school supplies, and travel expenses.

Option of Two careers:

Upon graduation and commissioning as an officer in the United States Army, you may fulfill your military obligation by agreeing to serve three years on active duty. Included are many benefits such as travel,



free medical and dental care, 30 days paid vacation per year and advanced educational opportunities.

You may choose instead to serve in the Army Reserve or National Guard. For those preferring a civilian job after graduation, experience as an Army ROTC graduate is a strong plus on any resumé.

Training in leadership and personnel management. Regardless of a student's area of study or interest, the ability to work effectively with people is a key to personal satisfaction and career advancement.

European tour of duty. The majority of Army ROTC graduates who have requested a European assignment have received it.

Multiple extracurricular and social activities.

A meaningful contribution to the defense of the world's oldest surviving democracy, by serving as an officer in the United States Army.

Opportunities to earn an advanced degree at government expense.

The Program

College students who successfully complete the program earn commissions as second lieutenants in the U.S. Army at the same time they receive their degrees at UMC. Although students normally begin the program as freshmen, they may enter at any point in their first four semesters. Students who are veterans or who have taken ROTC in

high school may be granted advanced placement in the Army ROTC program. During the first four semesters, students enroll one semester at a time and assume no obligation either to continue that semester or for any military service of any kind. ROTC students attend a summer advanced camp (with pay) for six weeks between their junior and senior years.

Four-Year

The military science curriculum is traditionally offered as a four-year program. It is best started during the freshman year, but special arrangements can be made for those who elect to start as sophomores. The first two years of military science are intended to give the student a perspective of what the Army is all about, and what it has to offer. Attendance during the first two years is completely voluntary and the student may drop out at any time, with no obligation whatsoever.

The student who decides to continue in ROTC for the third and fourth years signs a contract acknowledging that fact with the Department of the Army. Students agree to take military science for two academic years, to accept a commission in the U.S. Army at graduation and to spend some time (a minimum of three months) on active duty. In return, the Army pays the student a tax-free subsistence allowance of \$2500 during the last two academic years and provides necessary uniforms and texts.

Some advantages enjoyed by the four-year cadets over their two-year counterparts include:

- A chance to learn about the Army during the first two years before making a decision that will obligate them to future military service;

- A chance to better prepare themselves for entry into the advanced program;

- A better chance to compete for three-year scholarships; and

- The opportunity to participate in numerous cadet activities such as orientation visits and sports.

Two-Year

The two-year program is designed to provide greater flexibility in meeting the needs of students desiring Army commissions. UMC students who did not participate in the four-year program and junior college transfers are eligible for enrollment. Basic prerequisites for entering the two-year program are:

- Applicants must be in good academic standing, pass the Army Officers Qualifying Test and the Army medical examination.

- The student must have at least two academic years of study remaining—either as an undergraduate, graduate or any combination.

- The student will attend a six-week summer basic training camp. Graduation from basic camp places individuals on a military training level with students in the four-year program. Attendance at the basic camp does not obligate the prospective ROTC student in any way. It is intended to give the student a look into what the Army is and has to offer.

Scholarship

Army ROTC currently has 6,500 scholarships in effect, which pay tuition, incidental fees, laboratory fees and other purely educational expenses. In addition, a tax-free subsistence allowance of \$100 per month is paid for up to 10 months of each academic year, plus a mileage allowance from home to college. The total value of a four-year Army ROTC scholarship can exceed \$12,000.

The scholarships are awarded in four-, three-, two- and one-year increments. Four-year scholarships are awarded on a nationally competitive basis to students planning to enter Army ROTC as college freshmen. Application for these scholarships is made in the early fall of the student's senior year in high school. Three-, two-, and one-year scholarships are reserved for college students attending UMC.

Academics

UMC Army ROTC academics consists of two parts: (1) earning a degree in whatever field the student chooses, and (2) completing 18 credit hours (four-year program) or 12 credit hours (two-year program) of the military science curriculum. The courses in military science are college-level academic courses, most of which receive full academic credit on campus and count on the student's grade point average. The military science curriculum is designed to complement a student's baccalaureate degree course of study, but does not provide technical training in a job specialty or vocational training. The curriculum consists of classroom instruction and laboratory sessions each semester.

Classroom instruction is supplemented each semester with a weekly leadership laboratory in which students are trained in

applied leadership. As a vehicle for practical leadership experiences, a variety of activities are taught including land navigation, self-defense, sport orienteering, canoeing, first aid, water sports, rifle marksmanship, range firing, radio communications and physical fitness.



Graduate Study

The Army realizes there is an increasing demand for graduate education among its personnel. Several programs have been established to provide this training. ROTC cadets are permitted to accept civilian fellowships, grants and other national/international scholarships offered for graduate study by eligible donors. Regular Army ROTC graduates who accept one of these receive their full Army pay and allowances.

Qualifications

All students who desire to enter the Army ROTC program must be citizens of the United States, of sound physical condition and of the highest moral character. Students must be at least 17 years old to enroll, but not more than 28 years of age upon graduation and commissioning. Additional qualifications for admittance into the final two years include an academic average of C or better, a satisfactory score on the Army Officers Qualifying Test, ACT or SAT examinations, and successful completion of the Army medical examination.

Cadet Activities

AROTC students may participate in many varied extracurricular activities during the year. Participation is elective.

The cadets sponsor athletic teams in all major sports for competition in campus leagues. Tiger Battery, an elite precision drill unit, represents UMC in numerous local, state and regional parades and drill competitions. The Black Berets, an outdoor group, trains during the year in special skill areas such as mountaineering, camping and water-crossing techniques. A small-bore rifle range, excellent international match quality rifles and auxiliary equipment are provided for rifle team participants. Students interested in journalism publish the cadet newspaper.

Social activities include the Tri-Service Ball, Ozark float trip, picnics and informal parties during the year. Army ROTC students support various campus and community service activities. They may volunteer to usher at varsity athletic events and receive free admittance.

Special Training

Selected volunteers may attend the three-week airborne course at Fort Benning, Ga. Students make five parachute jumps. Successful course completion means earning the coveted paratrooper badge "jump wings."

Special Army Orientation Training (AOT) is available on a limited basis. Students participating in the program live and work with an active Army unit during part of one summer.

Statement of Courses

Basic Courses

(Freshman & Sophomore Years)

10 The U.S. Army Officer—Careers and Specialties (0-1).f.

11 The Military and Society (0-1).w.

50 American Military History (0-2).f.

51 Land Navigation (0-2).w.

Advanced Courses

(Junior & Senior Years)

Prerequisites for Advanced Courses are satisfactory completion of basic courses or permission of the depart-

ment; prior active service; successful completion of summer basic camp; or 3 years of junior ROTC.

100 Leadership (0-3).f.

101 Command Operations (0-3).w.

150 Staff Organization and Management (0-3).f.

151 Military Administration (0-3).w.

Students interested in additional information about any aspect of Army ROTC should visit Room 202, Crowder Hall; call 314/882-7721; or write Army ROTC, 202 Crowder Hall, UMC, Columbia, MO 65211.



Navy/Marine ROTC

Going to college is a new experience, and many new and varied activities are undertaken by college students. Naval ROTC is one of those activities offered to qualified college men and women. The first two years are a test period, with no military obligation, to get a better look at what the Navy or Marine Corps has to offer. Should service as a naval officer appeal to you, you may enter the advanced NROTC program. NROTC graduates incur a 3- or 4-year military obligation and receive a starting salary of over \$12,000 per year with regular raises, extensive travel opportunities, invaluable personnel and hardware management experience, on-the-job training, complete medical and dental care, and leadership experience that can qualify them for future job opportunities.

The Naval Reserve Officers Training Corps (NROTC) was established in 1926 to offer qualified college students the necessary naval science courses required to qualify them for commission in the Naval or Marine Corps Reserve. Its mission has since been changed to supply regular naval officers to the fleet. Today, NROTC is the primary source of regular naval officers.

The NROTC unit at the University of Missouri-Columbia was established in 1946. The first NROTC midshipmen graduated in the class of 1950. Since that time, UMC NROTC graduates have served our country as shipboard officers, submariners and aviators attached to the fleets of our Navy; as officers of the Supply Corps and Civil Engineering Corps of the Navy; and as officers of the U.S. Marine Corps. Navy and Marine officers assigned as NROTC instructors hold academic status at UMC, the senior officer being designated as the Professor of Naval Science.

Programs

Navy/Marine ROTC students major in any course of study leading to a baccalaureate degree, and take one naval science course for credit each semester. Each course provides the student with a better understanding and knowledge of various aspects of the Navy or Marine Corps. Associated with each course is a leadership laboratory designed to orient the student to the responsibilities of a junior naval officer. The activities taught include



water survival, self-defense, aerobics, physical fitness, orienteering, aviation, nuclear power orientation with associated field trips, pistol/rifle marksmanship and rappelling.

College program students receive \$100 a month during their junior and senior years and make a summer cruise, with salary, aboard a deployed Navy ship. Midshipmen enrolled in the college program may qualify for the scholarship program. A number of qualified college program students are nominated for the scholarship program each year.

Scholarship

Navy/Marine ROTC has two-, three- and four-year scholarships available. High school seniors and college freshmen are eligible for the four-year scholarship program. Applicants for this program are considered on the basis of a nationwide competition. Application must be made prior to December for the class entering the following fall. Qualified midshipmen in the college program may be appointed directly to the scholarship program, depending upon quota limitations. The Navy pays tuition, costs of textbooks, miscellaneous fees and a tax-free subsistence allowance of \$100 per month. One purpose of the NROTC program is to provide officers with a technical background. Most scholarship students are in technical majors and all are required to complete calculus and physics.

Scholarship midshipmen make three summer cruises for which they receive full pay as midshipmen. These four- to six-week summer cruises allow midshipmen to "Join the Navy and see the world." Cities recently visited by midshipmen include Barcelona, Rome, Naples, London, Manila, Singapore, Honolulu and Hong Kong. Upon graduation, scholarship midshipmen are commissioned as ensigns in the regular Navy or second lieutenants in the regular Marine Corps.

Two-Year

The scholarship and college two-year programs are intended to allow students to enter Navy-Marine ROTC at the beginning of their junior year. This is especially suited for UMC students who did not participate in NROTC during their first two years and for transfer students. The programs are similar to the four-year programs described above. However, the first two years of naval science training is accomplished during a six-week summer session at the Naval Science Institute, U.S. Naval Base, Newport, R.I. All travel expenses are paid by the Navy, and a salary is paid during the Naval Science Institute.

The scholarship program is open to students who have completed two semesters of calculus and one semester of physics with above average grades. Upon successful completion of training at the Naval Science Institute, students are eligible for scholarship benefits at the beginning of their junior year. These benefits are the same as stated for the scholarship program.

Others may apply for the college two-year

program. Scholarships may be earned based on performance at the Naval Science Institute or at some time in the junior or senior year, depending on qualifications and availability. Students receive \$100 per month and the cruise between the junior and senior years, whether or not scholarship status is achieved. This subsistence allowance amounts to about \$2,500 for the junior and senior years.

Academics

The freshman and sophomore course of study consists of Introduction to Naval Science; Naval Ships Systems I and II; and a seminar, Seapower and Maritime Affairs, which explains modern applications of seapower and the influence of maritime affairs on international relations. During the junior year, NROTC students receive instruction in Navigation and Naval Operations. This includes theory and technique of surface and aerial navigation, theory of celestial navigation, basic principles of aerology, training maneuvering board, tactical and fleet communications, and rules of the nautical road. During the senior year, students receive instruction in Navy Management and Administration in the Naval Profession.

Academic requirements for Marine option midshipmen are Evolution of the Art of War and Amphibious Warfare, taught in lieu of the junior and senior Navy courses listed above.

Academic credit for naval science courses toward a baccalaureate degree is accepted by almost all schools and colleges, and counts toward the student's grade point average.

Marine Corps Option

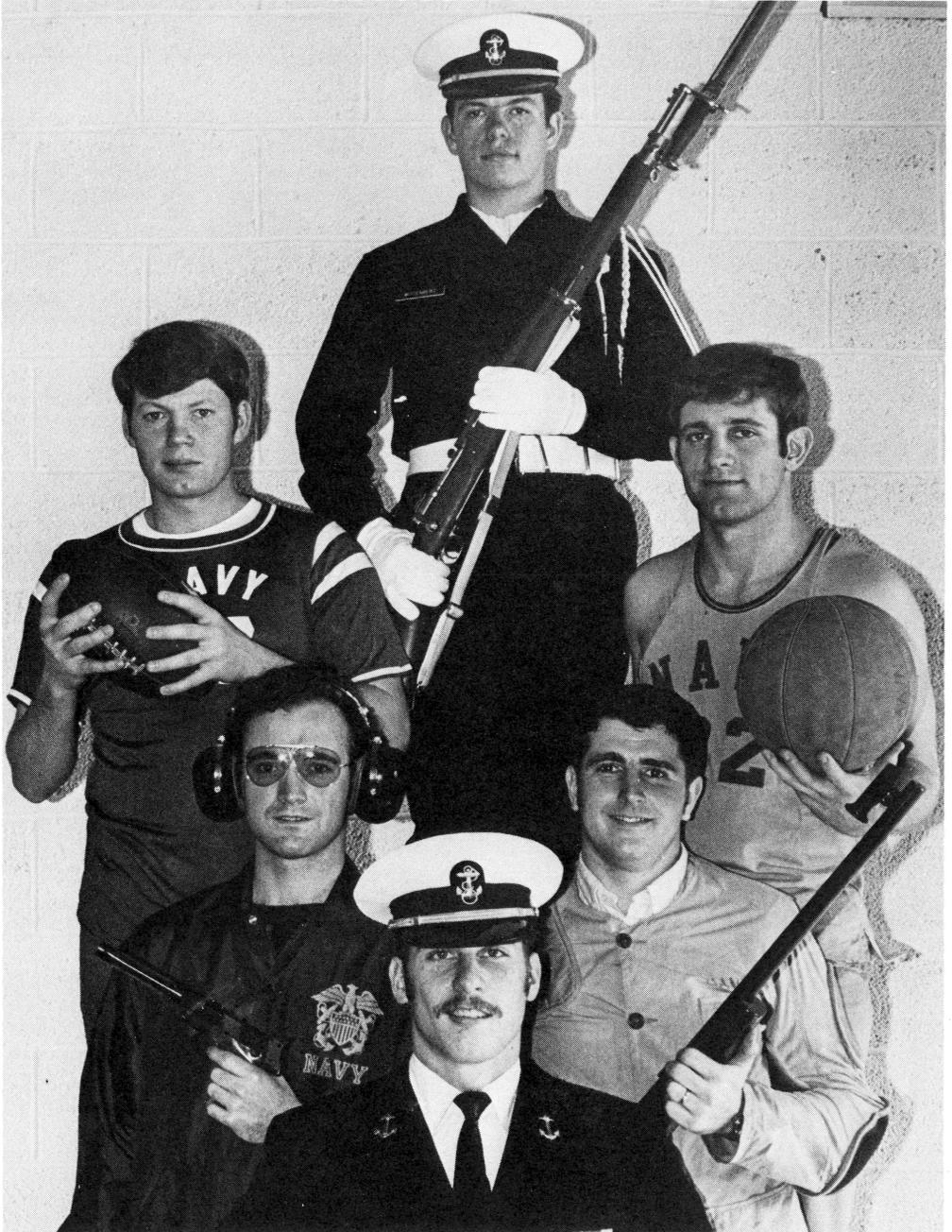
Any midshipman may apply for a commission in the Marine Corps instead of the Navy. If the student is selected for the Marine Corps, the last two years of naval sciences are taught by the Marine officer instructor. These courses prepare the midshipman for commission as Second Lieutenant, U.S. Marine Corps. After graduation and commissioning, Marine Corps officers report to the Marine Corps Basic School, Quantico, Va., for six months of professional education prior to assignment to duty stations. Some specialties available in the Marine Corps include field artillery, infantry, aviation, communications, data systems, supply and engineering.

Non-NROTC Students

UMC students are encouraged to enroll in any naval science subject for credit and to obtain a better understanding of the program. Such students are not required to affiliate with the NROTC unit, nor are they required to be present at the leadership laboratory periods.

Midshipman Activities

Midshipmen may elect to participate in a wide variety of activities sponsored by the NROTC unit. The unit's rifle team, pistol team and drill team travel to several off-campus meets each year.



One of the highlights of the year is the annual trip to New Orleans during Mardi Gras. All midshipmen are encouraged to participate in this exciting trip. Besides the fun and festivities of Mardi Gras, the Unit's rifle team, pistol team, drill team and band all participate in competition at Tulane University. In recent years the band and drill team have won awards for their performances.

The midshipmen field athletic teams in volleyball, softball, football, basketball and soccer and are usually very competitive in the campus and city intramural leagues.

Yearly social activities include a Navy Ball, Marine Corps Ball, a formal "Dining In" for graduating seniors, battalion picnics and informal social gatherings.

Service Obligation

NROTC college and scholarship program midshipmen incur absolutely no service obligation during their freshman and sophomore year. This time is strictly a period to allow students to get a better understanding and appreciation of the life of a naval officer. Once commissioned, college program midshipmen serve in the fleet for three years while scholarship midshipmen serve for four years. After completion of the service

obligation the naval officer is able to return to civilian industry with invaluable leadership experience and on-the-job training.

Those persons interested in further information about the Naval Reserve Officers Training Program at UMC should communicate with the Professor of Naval Science, UMC, 105A Crowder Hall, Columbia, Mo 65211, or call 314/882-6693.

Statement of Courses

All midshipmen enrolled in naval science courses are required to attend a two-hour laboratory period weekly. All non-NROTC students enrolled in naval science courses are exempted from attending laboratory periods.

- 1 Introduction to Naval Science (2). f**
- 2 Naval Ship Systems I (2). w**
- 25 Naval Ship Systems II (2). f**
- 26 Seapower and Maritime Affairs (2). w**
- 100 Navigation (3). f**
- 101 Naval Operations (3). w**
- 103 Navy Management (3). f**
- 104 Evolution of the Art of War (3). alt. f. even yrs**
- 105 Administration in the Naval Profession (1). w**
- 106 Amphibious Warfare (3). alt. f. odd yrs**



Air Force ROTC

Modern weapon systems and accelerating space age technology have reshaped the officer requirements of today's Air Force. The "force-in-being" concept demands an active professional officer corps with special competence in nearly every career area.

The mission of Air Force ROTC is commissioning career-minded male and female officers to meet these Air Force requirements through its educational programs on college campuses. Today, Air Force ROTC is the largest source of Air Force officers. Graduates of UMC's Air Force ROTC are serving in this professional force-in-being in virtually every nation of the free world. They are performing exciting tasks such as duty as

an astronaut or involvement in the many space research programs designed to master flight in space.

The Air Force ROTC at UMC has traditionally met its objective by placing on active duty lieutenants who demonstrate dedication to their assignments, a willingness to accept responsibility, critical and creative thinking and the ability to speak and write effectively.

The unit at UMC is one of more than 140 units from Hawaii to Puerto Rico which offer professional academic and military training in conjunction with other college career programs.

The New Look

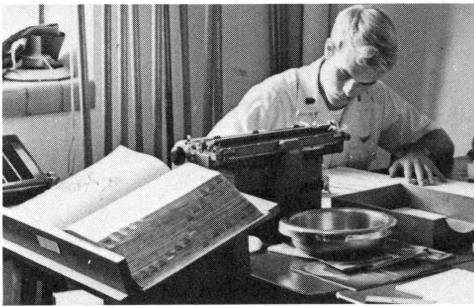
A modern university needs modern programs and academic curricula and the Air Force strives to keep both its program and the curriculum up-to-date. Since 1964, the Air Force ROTC program at UMC has had a new look. In that year Congress passed the ROTC Vitalization Act which provided a totally new, flexible Air Force ROTC program geared to the changing patterns of higher education and the varying needs of today's college student and Air Force. The legislation authorizes two separate ROTC programs. Colleges and universities may now select the traditional four-year program, a two-year program, or both. UMC offers both programs.

Programs

Four-Year

The traditional four-year program consists of a two-year General Military Course (GMC) and a two-year Professional Officer Course (POC). The GMC, or basic course, is open to all undergraduate students with at least four years of college remaining. Exceptions can be made for some who have only three years remaining. Students can enroll in the GMC by registering for Aerospace Studies 11, The Air Force Today, just as they register for any other course. This can be done by new students when they submit their pre-enrollment forms, or when they enroll during the regular registration period.

The GMC curriculum consists of four semesters, with one hour of academics and one hour of leadership laboratory per week. The first two semesters' academics include doctrine, strategies and functions of the Air Force. The last two semesters are concerned with the study of the history of air power.



Some advantages enjoyed by the four-year cadets over their two-year counterparts are a chance to learn about the Air Force during the first two years before making a decision that will obligate them to future military service; a chance to better prepare themselves for competitive entry into the POC; a chance to compete for three-year scholarships; and the opportunity to participate in numerous cadet activities such as orientation flights, base visits, and sports.

Qualified cadets in the GMC are selected on a highly competitive basis for entry into the POC. Selections are based upon:

- (1) results of an Air Force Officer Qualifying Test,
- (2) a military physical examination,
- (3) university grade point average, and
- (4) a personal interview with detachment officers on the Air Force ROTC staff.

Students selected for the POC complete a four-week Field Training encampment and then enter into a mutual contract with the Secretary of the Air Force. This is the first time students obligate themselves to future military duty (unless they previously received a scholarship). Students agree to attend three hours of classroom instruction and one hour of leadership laboratory per week for two years; to accept, if offered, a commission in the U.S. Air Force; and to serve for a period of not less than four years on active duty (pilots and navigators must serve six and five years respectively after completion of flight training). The Air Force, in return, provides all required uniforms and a tax-free allowance of \$100 per month during the two-year POC membership. POC cadets are also entitled to such fringe benefits as limited use of certain facilities on Air Force bases and free space-available travel on military aircraft.

Two-Year

The two-year program is designed to provide greater flexibility in meeting the needs of students desiring Air Force commissions. UMC students who did not participate in the four-year program, or junior college transfers, are eligible for enrollment. Basic entry requirements are that students have at least two academic years (either undergraduate, graduate, or a combination of both) remaining at UMC. Applicants must be in good academic standing, pass the Air Force Officers Qualifying Test and the Air Force medical examination, and be selected by an interview board.

After successful completion of a six-week Field Training encampment designed to prepare them for entry into the Professional Officer Course (POC), applicants meeting all requirements may be permitted to enroll in Air Force ROTC upon their return to campus. During these two years, cadets study American defense policy and management, along with professional preparation for future Air Force duty. Cadets also receive a tax-free allowance of \$100 per month and may be eligible for a two-year Air Force ROTC scholarship.

Upon admittance to the POC, cadets are required to enter into the same contractual agreement as a student entering through the four-year program.

Scholarships

Air Force scholarships are available to cadets in the Air Force ROTC two-year and four-year programs. The scholarships pay all tuition costs, incidental and laboratory fees, and reimbursement for the purchase of books. Scholarship cadets also receive \$100 per month in pay, tax free.

Scholarship nominees are selected from among the cadet corps on the basis of:

- (1) scores achieved on the Air Force Officers Qualifying Test,
- (2) grade average for all college work completed, and
- (3) the rating from an interview board composed of Air Force ROTC staff officers.

Names of scholarship nominees are then forwarded to Air Force ROTC headquarters for final selection.

Freshman scholarship students are selected in a nationwide competition during their senior year in high school. If interested, high school students should obtain an information brochure and submit their application directly to AFROTC Headquarters, Maxwell AFB, Ala., no later than December 15 of their senior year. These brochures and applications may be obtained from their high school counselors, the nearest AFROTC Detachment or an Air Force recruiter.

General Information

The Air Force provides all textbooks and items of the uniform required in the AFROTC program. Upon commissioning, the student is given a complete uniform by the University and is given a cash allowance of \$300 by the Air Force for additional uniforms.

Students receiving their commissions from either the two-year or four-year program will normally enter an Air Force career field directly related to their college training (unless they attend pilot or navigator training). For example, engineers will usually be assigned to duty with one of the aerospace research projects or to a base engineering office.

Students interested in further information about Air Force ROTC can visit Room 213, Crowder Hall or call 314/882-7621 or write to: Professor of Aerospace Studies, Air Force ROTC, UMC, Columbia, Mo. 65211.

Field Training

Air Force ROTC cadets' first extended exposure to military environment comes with a Field Training encampment. To most cadets this is a memorable high point on their road to an Air Force commission. Here the cadet gets a close look at Air Force life and activities and the Air Force takes a searching look at the cadet.

Two Field Training courses are offered. One is of four weeks duration for cadets in the four-year Air Force ROTC program. The other, for applicants for the two-year program, lasts six weeks. The extra two weeks includes an intense academic program that four-year cadets receive during their first two years. Normally, students in the four-year program must attend the four-week encampment during the summer between their sophomore and junior years. The six-week encampment must be successfully completed by all candidates for the two-year Air Force ROTC program during the summer preceding their entry into the POC.

Both encampments include cadet orientation, survival training, junior officer training, aircraft and aircrew indoctrination, physical training, organization and function of an Air Force base, career orientation, small arms familiarization and supplemental training. In addition, each cadet rides in an Air Force jet trainer.

Cadet organization during Field Training closely parallels actual Air Force organizational structure. Each cadet receives several opportunities to serve in responsible positions within the organization. Discipline is stringent, with emphasis placed on customs and traditions of the Air Force.

A large number of future Air Force officers

attend Field Training each summer. They meet and work with peers from all geographical areas of the U.S., a broadening and motivating experience in itself.

Travel pay to and from the student's home is provided, or the Air Force provides a paid ticket for a commercial carrier. Room and board are also provided throughout Field Training. While there, the cadet receives approximately \$540 in pay at the six-week encampment or about \$360 at the four-week encampment.

Postgraduate

The Air Force realizes there is an increasing demand for graduate education among its personnel and has established several programs to provide this training. The Air Force Institute of Technology is available to AFROTC graduates and offers advanced degree training in college curriculums which are related to Air Force career fields. These include all fields of engineering, meteorology, the physical sciences, mathematics, languages and business management.

Qualifications

All students who desire to enter the Air Force ROTC program must be citizens of the United States, be of sound physical condition (see Physical Requirements), must be of the highest moral character, and be at least 17 years of age to enroll but not more than 30 years old upon graduation and commissioning. Additional qualifications for admission to the POC include, for the two year applicant, the completion of the six-week Field Training. In addition, all applicants must pass the Air Force Officer's Qualifying Test, the Air Force physical examination, be interviewed by a board of officers and join the Air Force Reserve prior to entry into the POC. (This incurs no additional training requirements other than normal Air Force ROTC requirements.)

Entry into the POC is highly competitive and students are selected on a "best qualified" basis. Satisfactory completion of the minimum qualifications does not assure that a student will be accepted.

Physical Requirements

Complete physical requirements are too lengthy and technical to be listed here. The following are simply some of the more important requirements for an Air Force Commission.

- (1) At least 20/400 bilateral vision without glasses correctible to 20/20.
- (2) Normal hearing.
- (3) Blood pressure: Systolic, 139 or less; Diastolic, 89 or less.
- (4) Normal heartbeat free of murmurs.
- (5) Height between 64 and 80 inches for men; 60 and 72 inches for women.
- (6) Weight normal for height and age.
- (7) No history of asthma since 12th birthday.
- (8) No limiting physical infirmity.
- (9) Good dental health.

Additional Requirements for Pilot or Navigator

- (1) 20/20 bilateral vision without glasses for pilot.
20/70 bilateral vision without glasses for navigator correctible to 20/20.
- (2) Normal color vision.
- (3) Not more than 76 inches or less than 64 inches in height.
- (4) No history of hay fever or sinusitis.
- (5) At least eight serviceable, opposed teeth in both upper and lower jaws.

Military Obligation

Upon graduation and commissioning as an officer in the United States Air Force, you will fulfill your military obligation by agreeing to retain your commission for a period of six years and serving at least four of these years on active duty. Availability of programs authorizing a delay of entry onto active duty is contingent upon the needs of the Air Force.

The Corps of Cadets

The AFROTC unit at UMC is organized as a cadet group consisting of a group staff and two squadrons. Freshman and sophomore cadets are assigned to a flight in one of the squadrons. They receive instructions from POC cadets in basic military customs and courtesies, drill movements and many other facets of Air Force operations. Junior and senior cadets are assigned and rotated through various leadership positions, gaining experience in management procedures. The Corps of Cadets is a cadet function, with all planning and operations accomplished by cadets. A drill competition is held once a year. During this competition, each flight competes against other flights. The commander of the flight winning the competition receives the coveted Board of Curators' Cup, awarded annually by the University of Missouri.

Cadet Activities

Air Force ROTC cadets at UMC are given an opportunity to visit Air Force bases for a firsthand look at the facilities and equip-

ment, and to gain a general idea of how a base functions. During the past year cadets visited the North American Defense Command (NORAD) at Cheyenne Mt., Colo.; the Air Force Academy, Colo.; Patrick AFB, Fla. (including a visit to Kennedy Space Center and Disney World); and Wright-Patterson AFB, Ohio, (Headquarters for Air Force Logistics Command, Systems Command and home of the Air Force Museum). Such trips range from one to three days and are usually highlighted by transportation in an Air Force aircraft.

In addition to base visits, the cadets participate on Air Force ROTC athletic teams and publish their own newsletter. Cadets may also join a professional AFROTC cadet organization known as the Arnold Air Society. The Society furthers the purpose and traditions of the U.S. Air Force. Members participate in community service projects, as well as social activities such as an annual military ball, picnics, and conclaves where they meet and exchange ideas with cadets from other universities.

Flight Instruction Program

Air Force ROTC offers an FAA approved civilian contracted Flight Instruction Program (FIP) at UMC. This instruction consists of ground school and 25 hours (17 dual, 8 solo) of flight training. The Air Force pays for all flight instruction, textbooks, navigation equipment, flight jacket, and transportation to and from the flying school. The Flight Instruction Program is a required extracurricular activity for all cadets in their second year of the advanced course (POC) who intend to become pilots after being commissioned. This program is managed by an experienced Air Force officer who has flown military aircraft for many years.

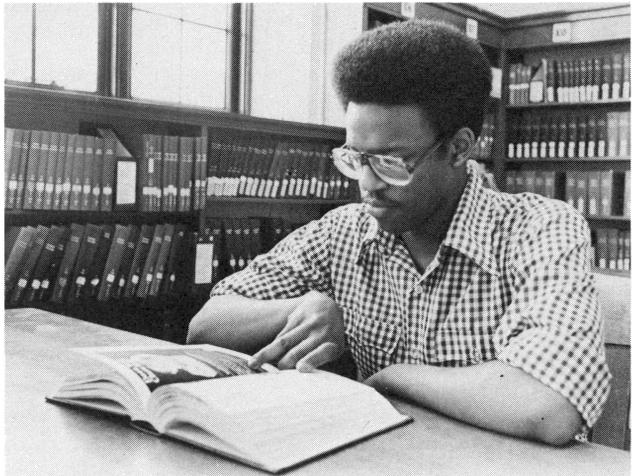
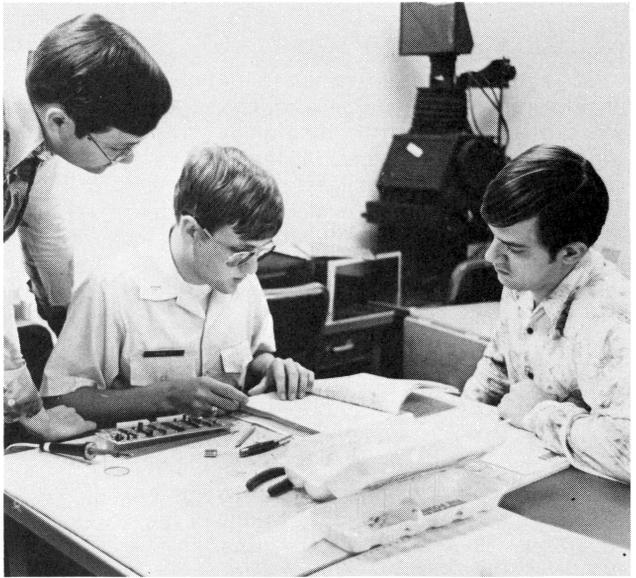
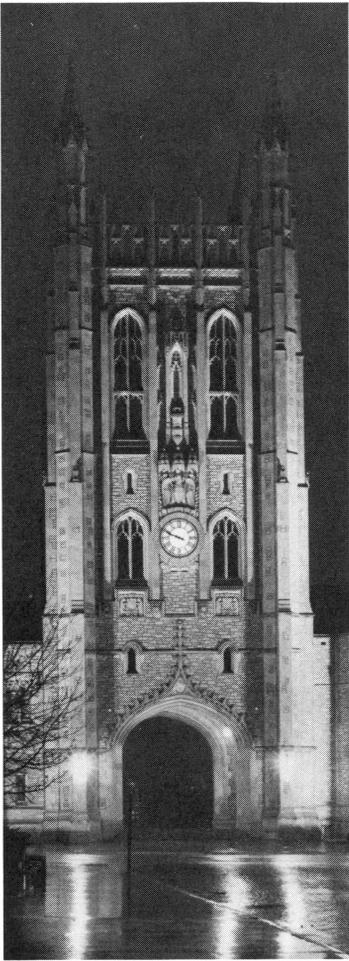
Statement of Courses

General Military Courses

- 11 **The Air Force Today I** (1). f.
- 12 **The Air Force Today II** (1). w.
- 21 **History of Air Power I** (1). f.
- 22 **History of Air Power II** (1). w.

Professional Officer Courses

- 131 **Management** (3). f.
- 132 **Concepts of Leadership** (3). w.
- 141 **American Defense Policy I** (3). f.
- 142 **American Defense Policy II** (3). w.



The University of Missouri System

The University of Missouri is one university with four campuses—Columbia, Kansas City, Rolla, and St. Louis. Established in 1839 at Columbia (oldest and largest of the four campuses), the University is recognized as the first state university west of the Mississippi River. Designated a land-grant university in 1870, it has extended its educational benefits to all sections of the State of Missouri in addition to its traditionally assigned tasks of teaching and research within the campus settings.

The University is governed by a Board of Curators. The President of the University and his staff coordinate programs of all four campuses. The Chancellors are the chief academic and administrative officers for their respective campuses.

University of Missouri System

Board of Curators

Term Expires January 1, 1979

Barbara Berkmeier, Chesterfield

Marian Oldham, St. Louis

David W. Lewis, St. Joseph

Term Expires January 1, 1981

C. R. Johnston, Springfield

Wallace R. Stacey, Independence

Rex Z. Williams, Rolla

Term Expires January 1, 1983

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Barbara S. Uehling, Ph.D., Chancellor

James A. Irvin, Ph.D., Interim Vice Chancellor for Student Affairs



UNIVERSITY OF MISSOURI-COLUMBIA