

Attention: Freshmen and Sophomore Cadets

# Army, AF Offer Training in 17 Military Fields

PRESENTED here today is the first installment of a two-part series discussing the mission of the various Army and Air Force branches in which ROTC training is offered at A&M. There are 11 such Army courses and six to be offered by the Air Force next year.

This information has been gathered by The Battalion in the interest of its first and second year military cadet readers, who must soon select the branch in which they wish to take a commission.

We hope that this discussion will be of value to you in choosing the path of military activity best suited to you and your course of study.

The Battalion is grateful to members of the School of Military Science for their work in gathering this information—The Editor.

## Army Combat Arms

### Infantry

THE Infantry officer in his daily duties comes in contact with men under the most trying conditions. As a result he develops the type of leadership necessary to handle large groups under any circumstances. By mastering minor tactics and learning how to handle himself in operations, he develops a battlefield cunning, which helps reduce the large number of casualties that come to his colleagues, who do not have that training.

The Infantry officer is the jack of all trades in the Army. His experience forms so basic a part in his military education that he is qualified for all types of higher education and positions of high responsibility. Eisenhower, Bradley and Collins all began their careers as second lieutenants in the infantry.

The mission of a battle is to seize ground . . . and it is the Infantry that seizes the ground. All other units are auxiliaries to the mission.

Infantry instruction is open to students of any major.

### Armor

ARMOR is the branch of the combat arms which leads and supports the actions of the other ground arms through the use of armored and mechanized equipment. Armor personnel make up armored units from the infantry regimental tank company to the medium and heavy tank battalions in infantry and armored divisions.

Armor personnel also form the reconnaissance companies of infantry divisions and the reconnaissance battalions of armored regiments and divisions.

No special academic course is necessary for enrollment in armor.

### Artillery

THE field artillery is the branch of the combat arms which provides concentrated, accurate fire power to crush the enemy on the battlefield.

Artillerymen man the guns of the 105mm artillery battalions which form combat teams with infantry and armored units, and other types of larger artillery weapons to include the giant 240mm howitzers.

Modern artillery sets up heavy concentrations of fire on enemy positions, supply lines and airfields, ranging from a few yards in front of the infantry to miles ahead of our attacking force. Their new tools include powerful guns and howitzers, rocket launchers, proximity fuses, range finding instruments, radar to locate enemy mortars, and many other marvels of scientific achievement.

No special academic course is necessary for enrollment in field artillery.

### Antiaircraft Artillery

THE Antiaircraft Artillery (formerly Coast Artillery) is that part of the United States Army which provides land defenses against the attacks of hostile aircraft and guided missiles.

Activities of antiaircraft artillerymen range from the mobile, hard-hitting automatic weapons units with the infantry and armored divisions to the heavy gun units of rear antiaircraft defenses.

Weapons of the antiaircraft artillerymen include 50 caliber machine guns, 40mm automatic cannon, 90mm and 120mm guns.

Some of the latest scientific advancement are used along with these weapons. These include electronically operated fuses which cause projectiles to explode at or near targets, radar and other electronic equipment for automatically locating and tracking targets, computing firing data, and instantaneously positioning guns by remote control, thereby permitting effective fire to be delivered at either seen or unseen aerial targets.

With the advent of rockets and guided missiles, an even wider field is being opened for the antiaircraft artillery. A variety of rockets and guided missiles are being developed for the use of the antiaircraft artillery in coping with the higher speeds and altitudes of modern aircraft. Here the field is open for employment of electronic equipment which cause rockets to locate and automatically direct themselves, to targets at extremely high altitudes, speeds, and ranges.

The weapons and equipment of the antiaircraft artillery offer a wide interest to the individual interested in the fields of science and engineering. No special academic course is necessary for admission to this branch.

(Army Service Forces will be discussed in tomorrow's Battalion.)

### United States Air Force

#### Administration and Logistics

THE need for air power as a modern combat arm has brought about a rapid growth of the Air Force into a huge organization, comparable to that of our leading civilian industries.

In civilian industries are found personnel managers, business executives, statisticians, advertising agents, transportation and procurement executives, all of whom should be experienced administrators. Such duties in the Air Force are performed by those officers having Military Occupation Specialties in Administration and Logistics.

The success of any mission assigned an Air Force unit is directly dependent upon the amount of supplies made available. It is the Logistics Officer on whom that unit relies for all necessary supplies and transportation incident thereto.

A non-technical specialty, any student pursuing such academic courses as business administration, business law, economics, general agriculture, and journalism will find this course closely related to his major study.

#### Air Installations

THE Modern city has its city engineer and city manager to maintain the necessities of modern living. On the Air Force base this job is charged to the air installations officer.

In accordance with these needs, students are selected from those taking academic courses allied to the field of air installations, such as industrial engineering, civil engineering, architecture, geology, geological engineering, petroleum engineering and mechanical engineering.

#### Armament

ARMAMENT is a specialized course designed to familiarize the officer candidate with the intricate mechanism of the lethal charges carried by combat craft, thereby playing one of the major roles of the Air Force in the accomplishment of its mission.

From the B-29 Superfortress with the first remote controlled firing, the work of the Armament officer has been gradually approaching that of an electrical or radar engineer. In addition he is charged with the responsibility of such vital agencies as chemical warfare and radiological defense.

To the student this specialty affords an opportunity to further his education, knowledge, and training in the field of his major subject. To a reservist, training in armament will be of great assistance in the care and operation of various types of engineering equipment.

Any student pursuing courses leading to a degree in mechanical engineering, general engineering, chemistry, biology, bacteriology, or physics is eligible to enroll in the armament course.

#### Communications

IN the modern "push-button" era, no one field plays a more important role in the success of the Air Force than that of communications. From visual and aural communication to that of radar, the Air Force is vitally dependent upon all phases of communication to accomplish its mission. As with the communication system of the nation, it forms the nerve center about which the Air Force operates as a massive body.

In the flying and operation of modern aircraft the use of the radio, radar, and other electronic devices has become so reliable that the tasks of crew members have been greatly reduced. The responsible person for the maintenance and proper functioning of all these intricate mechanisms is the communications officer.

To the officer graduate returning to civilian life, the close parallel of this course to the fields of engineering should be of great assistance in furthering his knowledge in his chosen field.

Any student pursuing a course towards a degree in engineering, physics, or electronics is eligible for this course.

#### Flight Operations

THIS is a new Air Force course to be offered here for the first time next Fall. The course is primarily designed to provide instruction which will materially augment the academic phases of training in Flying schools of the Air Training Command. Those who may desire air crew training later on will be required to pass a physical examination.

Those who elect active duty and air crew training upon graduation will find the course provides them with an excellent academic background that will greatly facilitate their progress. This course was originally designed to include a small amount of flying training in light aircraft, but funds have not been made available for this training.

Flight operations will provide instruction in such subjects as air navigation, meteorology, principles of flight, aids to navigation, intelligence reports, photo intelligence, prisoner of war interrogation, security, espionage, counter-espionage, propaganda and censorship.

No specific academic course is required for this training.

#### Aircraft Maintenance

WITH each advent of new and more complex aircraft and relative equipment capable of more and more miraculous performance, the challenge to, and importance of the aircraft maintenance officer increases.

Just as the air force commander is the brains of an air operation, the specialist in aircraft maintenance engineering is the backbone of that operation. The success or failure of any air mission in war or peace is commensurate with the efficiency of the maintenance activities.

The aircraft maintenance officer has the responsibility of keeping as many aircraft in operable condition at all

times as is possible. In order to do this he must be thoroughly familiar with the maintenance methods and repair procedures for the equipment for which he is currently responsible, maintain the closest coordination with supply activities, and be capable of supervising an organization in accordance with the principles of good management.

Of special significance to the reserve officer whose military activities are on a part-time basis is the close relationship to most of the engineering professions such as aeronautical, mechanical and electrical. Since there are command or staff maintenance activities at every level of command, the opportunity for a career in this field of specialization is obvious.

Academic courses necessary for enrollment in Maintenance Engineering are aeronautical, mechanical, chemical, electrical, agricultural, engineering, physics, and chemistry.

## A&M Newman Club To Send Delegates

A&M and ten other Newman Clubs in the South Texas Province will send delegates to Austin Friday through Sunday to attend the annual convention at which the University of Texas Newman Club will be host.

Registration will begin Friday evening at Newman Annex, 2010 University Avenue and continue until noon Saturday.

Schools represented will be Rice, University of Houston, Victoria College, Texas A&I, San Marcos State Teacher's College, Baylor, Laredo Junior College and the Alumni Club of Houston.

**PALACE**  
Bryan 2-8879

LAST DAY

"Second Women"

STARTS—

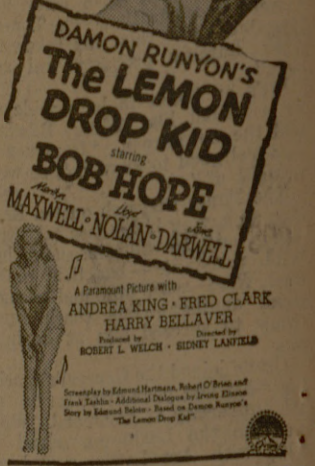
TUESDAY thru SATURDAY



**QUEEN**

NOW SHOWING

BOB'S NEW DAMON RUNYON LAUGH RIOT!



**Campus**  
TODAY & TUESDAY  
FIRST RUN  
—Features—  
1:23 - 3:10 - 4:44 - 6:31  
8:18 - 10:05  
Dennis MORGAN  
Patricia NEAL  
Steve COCHRAN  
**RATON PASS**  
NEWS — CARTOON

## Battalion Editorials

Page 2

MONDAY, APRIL 23, 1951

## Radioactive Stalemate . . .

ACCORDING to an article in the U. S. News and World report, our policy is to "bleed the Chinese into a mood to talk peace." This should be very encouraging to June graduates.

The big question is—who is going to bleed whom into what? Human life is the one thing the Chinese are least likely to consider in their policy decisions.

Representative Gore (D-Tenn) has called Korea a "meat grinder of American manhood." In view of the fact that no conclusive victory will be sought, he has further suggested that a buffer zone be "neutralized" with radioactive materials. This would deny passage to troops of either side; thus putting the lid on a military cancer.

This geographical surgery could be maintained by repeated applications of these radioactive materials until time brings a satisfactory solution to the whole problem.

We think there is merit to this plan if for no other reason than the fact that attention will be focused on the men who are, and will become sacrifices to the gods of appeasement.

Britain will not change her views until we lose so many men that we can not be counted upon to defend the continent.

The United States is the only country interested in stopping U.S. casualties.

*Sincerity is a very rare virtue.*

## The Battalion

Lawrence Sullivan Ross, Founder of Aggie Traditions  
"Soldier, Statesman, Knightly Gentleman"

News contributions may be made by telephone (4-5444) or at the editorial office, Room 201, Goodwin Hall. Classified ads may be placed by telephone (4-5324) or at the Student Activities Office, Room 209, Goodwin Hall.

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## LETTERS

All letters to the editor must be signed by the writer and free from obscene and libelous references. Letter writers wanting their name withheld must make a personal request to the co-editors. No unsigned letters will be published.

### Aggie UN Club Needs More Support

The Campus Chest drive is of course a worthy enterprise. I am particularly in favor of the Norwegian scholarship it is to sponsor. After we get the Norwegian student over here however, what are we going to do? Are we going to try to sell him the American way of life, and if so, how?

We of A&M already have an excellent opportunity to sell our way of life to foreign students. We have on the campus approximately 90 foreign students representing 23 foreign countries.

A few of these countries are France, India, Iran, and many of the South American countries. What kind of salesmanship job are we exhibiting toward these students?

The essence of the American way of life can not be found locked in a college education in the USA, nor can it be demonstrated by a friendly "howdy" on the campus. The foreign student must get into the homes, the small and large towns and meet the people, not merely a lot of "hurrying-scurrying college students."

It is easy to give a scholarship, but we cannot buy friendship and understanding. Freedom can be neither explained nor sold, only demonstrated.

At the present there is an Aggie United Nations Club—functioning. It is composed of both foreign and native students. It needs more support from both foreign and native students to accomplish its purpose. Each has something to gain from the other by association and discussion.

Understanding works both ways. I think the Batt could do a lot toward bringing about a greater interest in the opportunity we have in the United Nations Club.

Earl C. Gilmore, Jr.

**Quion Hall**  
LAST TIMES TODAY  
"All About Eve"

TUESDAY & WEDNESDAY  
IRENE DUNNE  
FRED MACMURRAY  
in NEVER A DULL MOMENT!

## L/L ABNER The Champ



## ENTRY BLANK The Battalion Fishing Contest

On April . . . , 1951, I caught a . . . (kind of fish) that measured . . . inches in length. I caught the fish in . . . (name and location of lake, river, stream or pond), which is in (or near) . . . (name of town.) I caught the fish on . . . (type and make of rod), using . . . (type and brand of bait), (test of line, in pounds), and a . . . (make of reel).

Mail entry to: FISHING CONTEST College Station, Tex.

RULES: Contest is open to A&M students and all other persons residing in Bryan or College Station. Fish must be caught between April 10 and April 24. Entries must be postmarked by midnight, April 24. Fish caught on trot lines, throw lines and by any method other than fly fishing, spinning, bait casting, trolling or still fishing, are not eligible for entry in the contest. Salt water entries are not eligible. This contest will be conducted on an honor basis. Your word is good. Pictures of you and your catch are not necessary, but we would like to have one for possible use in The Battalion. Prizes will be awarded.