

DRAFT POLICIES EXPLAINED

FULL TEXT OF DR. COMPTON'S ADDRESS

As this academic year comes to a close I wish to report to you on plans recently announced by the Army and Navy for the voluntary enlistment of college students. These plans have a direct bearing on your opportunities and obligations as students and as citizens and an understanding of them will assist you in deciding how you can most effectively serve the country in this emergency.

One of the most reassuring aspects of our present national policy is the recognition that the supply of technically trained young men and women from our educational institutions must not be cut off in the early stages of the war. Perhaps, if we knew certainly that the crisis of the war would be passed in twelve months or eighteen months, it would be legitimate to call out from our educational institutions and everywhere else every available bit of man power to put into this mighty effort. We have no assurance, however, that victory will come that quickly and consequently it would be a very short sighted policy to cut off now the training programs which can most efficiently continue to feed technical talent to our industries and armed forces. Thus far the Selective Service program has been administered from Washington and by the local boards in a manner which has given good recognition to the importance of technological education. The advice which has gone out from Washington has repeatedly emphasized the value of technically trained personnel and nearly all of the scientific and engineering fields represented in the Institute's curriculum have been included in the category for which special provision has been made to permit well-qualified regularly enrolled students to continue their education.

A recent directive from Selective Service headquarters, however, has modified this policy by discontinuing the deferment of college students, irrespective of their field of study, "until approximately the satisfactory completion of the second academic year of their college work." In the opinion of the Selective Service authorities a student can not be considered as qualified for professional work in essential fields until the completion of his second college year. At the present minimum age for Selective Service, this involves about ten per cent of Technology freshmen and about thirty per cent of our sophomores.

This ruling also means that students who reach draft age during the summer following their sophomore year may be required by their draft boards to submit evidence of third-year status and of their intention to continue in college. To provide this evidence, the Institute has arranged for second-year students who become eligible for Selective Service prior to September 28, 1942 to apply, beginning today, for registration as third-year students and to make a pre-payment of \$25.00 toward their third-year tuition. For those second-year students who wish to register, application blanks are available now in the Information Office. A similar arrangement is available to graduate students who may not be in residence during the summer.

To aid both students and staff in their Selective Service problems, I have appointed Mr. J. J. Rowlands, Room 7-208, as special adviser in charge of handling requests for deferments.

The Army and Navy Reserve Programs

Coming now to the enlistment programs of the armed services, I wish to announce that the Institute

has agreed to participate in the new Army Enlisted Reserve Corps program for students.

The purpose of this program as described by the War Department is to insure a future source of qualified officer candidates for the Army from college graduates, and, to the extent necessary to accomplish this purpose, to encourage students to enroll and continue in college.

Without going into all the details of this plan, which will be widely available, I would emphasize the following features as they apply at the Massachusetts Institute of Technology: Enlistment is wholly voluntary and no student need feel that he is under any compulsion or influence on the part of the Institute to enlist. Selection of students to be enlisted will be made by the Army authorities from those who meet the following requirements:

- Those who are citizens of the United States.
- Those who are believed to possess the necessary basic qualities for commissioned officers.
- Those who are physically qualified under existing regulations for entrance in an Officer Candidate School.
- Those who have become 18 years of age and those who will not become 45 years of age before graduation.

Students who have not become 18 years of age will be included in assigned quotas provided they agree in writing to enlist in the Army Enlisted Reserve Corps upon reaching the age of 18.

Where students are otherwise qualified, selection will be based on scholastic records, and the total number selected will be limited by a quota assigned to the institution.

All students who enlist will be required to take a qualifying examination given by the Army before the end of the sophomore year. Students who pass the examination above a certain level will be permitted to continue their college course on an inactive reserve status. Students who fail to reach the prescribed level will be ordered to active duty in an enlisted status at the end of the term then in session provided they have no valid reason for deferment.

There is no reason to believe that this qualifying examination would offer any difficulties to the average Technology student. The intention of Army authorities is that students who pass the examination will not be called to active duty before their graduation unless they leave the Institute earlier than the class with which they normally would be graduated, or unless the necessity of war demands, in which case the Secretary of War may call members of the Reserve Corps at any time.

I think that students and their parents should clearly understand that enlistment in this Reserve Corps does not automatically result in a commission upon graduation. Those who become members of our Advanced R.O.T.C. will be commissioned, but those who are not in the Advanced R.O.T.C. will be sent to the nearest Replacement Center of the arm or service of the Army for which they are best qualified. Upon successful completion of the normal course of training there, and if otherwise qualified and selected, they will be ordered to the proper Officer Candidate Schools. Upon successful completion of this latter course, they will be commissioned as second lieutenants.

The period of enlistment in the Enlisted Reserve Corps is for the duration of the war and six months thereafter. Until January 1, 1943,

freshmen, sophomores, and juniors within the specified age and quota limits may apply for enlistment. After January 1 only freshmen may apply. Students who enlist in the Reserve are not liable for Selective Service.

So far I have spoken only of the Army program. What is the procedure at Technology to enlist in the Navy? The Massachusetts Institute of Technology is one of the 52 Land Grant institutions which offer basic military training for all students in the first two years and advanced R.O.T.C. training for selected students in the upper two years. Under existing regulations no students in the basic or advanced R.O.T.C. may enlist in the Navy, particularly in the Navy V-1 program which corresponds to the Army Enlisted Reserve I have just described. V-1 is not therefore open to our students.

Under the Army program, however, a certain number of students completing their second year may apply for transfer from the Army Enlisted Reserve to the Navy's V-7 Reserve. The practice will also be continued of permitting a limited number of advanced R.O.T.C. members in their senior year to transfer to the Naval or Marine Corps Reserve. In these ways opportunities are offered our students to qualify in either the Army or the Navy even though the original commitment would be to the Army. This procedure has the obvious advantage of avoiding competitive recruiting by the two services during the students' early days at the Institute.

Let me note also that juniors and seniors without previous enlistment may still apply for probationary commissions in the Navy in the specialist branches. They may also enlist in the V-7 classification for general service and remain at the Institute under present conditions until they have completed their course. At this time they will be sent to a reserve midshipmen's training school for further training before being commissioned.

In outlining these various paths to military service, I do not wish to obscure the importance of industry's need for engineers and scientists, and I hope that an adequate number of students will remain for industrial, teaching, or research service after the Army and Navy have obtained their reserve quotas. I think that it is not premature to report that consideration is being given to what might be called a War Production Reserve designed to enlist men for essential industrial duty. There is no assurance, however, that this proposed program will be established.

To sum up the opportunities and obligations of our students for military service, I would emphasize that college students, irrespective of their choice of major study, are subject to the draft if they reach the draft age while freshmen or sophomores, that the Army Enlisted Reserve offers a patriotic alternative to the draft, that generally our juniors and seniors are eligible for deferment, and that ample opportunity exists at Technology for admission of the properly qualified to the armed forces. Within the limits permitted under the Selective Service Act and these enlistment plans whatever a young man does is a matter for decision by his own conscience and intelligence, and there is no one pattern which is right for all, except the broad pattern in which all of us try to the best of our ability to

(Continued on Page 2)

Army And Navy Plans Outlined By Dr. Compton In Today's Convocation

Applications For Reserve Enlistment Will Be Made Entirely Voluntary; Prof. Mitsch To Serve As Advisor

Speaking before the second World War II convocation of the staff and students of the Institute, Dr. Karl T. Compton today explained the voluntary enlistment program for college students as recently adopted by the Army and Navy. In addition,

Enlistment Dates Not Set Students Will Be Notified

The enlistment dates for M.I.T. students under the Enlisted Reserve plan have not yet been specified by the Commander of the First Corps Area. As soon as this information is received by the Institute, it will be announced to the students. It is expected that the dates will be announced in the near future.

Students wishing to enter the Enlisted Reserve should watch for this announcement and make application at the specified time.

Junior Prom Plans Started

Committee To Hold Undergraduate Poll

The Junior Prom Committee held an important meeting yesterday at which it was decided that the three foremost questions facing the committee would be decided by a school census, according to Chairman George A. Schutte. The poll is planned to take place as soon as school reopens next fall.

The first two questions will cover one point concerning the choice of band. The committee is interested in finding out whether students would rather have a mediocre prom band and a weekend or one of the top name bands with a weekend of the same calibre, the second necessitating an increase in ticket price.

The third question is in reference to the present circumstance, that of having three large formals, Junior Prom, Field Day Dance, and I.F.C., in the fall. The committee would like to know whether the undergraduates would rather have the Junior Prom or the I.F.C. in the fall, if only one of these two dances were offered.

Official Notice

Effective as of June 1, the Swimming Pool and Barbour Field House will be open in accordance with the summer schedule as included in the posted regulations for use of the Alumni Pool as of September 29, 1941—i.e.

Barbour Field House will be open from 8:00 A.M. to 10:00 P.M. Monday through Friday; from 8:00 A.M. to 12:00 Noon Saturdays; not open on Sundays or holidays.

Swimming Pool will be open from 3:00 P.M. to 9:30 P.M., Monday through Friday; not open on Saturdays, Sundays and holidays.

On Wednesday nights (excepting holidays) during the summer schedule, the pool is reserved from 3:00 P.M. to 9:30 P.M. for mixed swimming.

Swimming Pool Committee

Third Year Registration

Students who reach draft age during the summer following their Sophomore year may be required by their draft boards to submit evidence of third-year status, and of their intention to continue in college. To provide this evidence, the Institute has arranged for members of the Class of 1944 who become eligible for Selective Service prior to September 28, 1942, to apply, beginning today, for registration as third-year students and to make a pre-payment of \$25.00 toward their third-year tuition. For those students who wish to register, application blanks are available in the Information office.

In regard to the Army Enlisted Reserve Corps, "enlistment is wholly voluntary, and no student will be subject to compulsion or influence on the part of the Institute to enlist." Until next January all freshmen, Sophomores and Juniors between the ages of 18 and 45, may, apply for admittance to the reserve. If admitted the student is not liable for Selective Service. After January applications will be accepted from freshmen only.

No Navy V-1

Because Technology is a Land Grant institution, there will be no opportunity open for students to enlist in the Navy V-1 program. Under the Army program a certain number of Enlisted Reserve students may apply for transfer to the Navy's V-7 reserve, and also a limited number of Seniors in the advanced R.O.T.C. may be permitted to transfer to the Naval or Marine Corps Reserve.

Professor John D. Mitsch, of the department of Civil and Sanitary Engineering, has been appointed Student Advisor for problems involving the reserve. His headquarters will be in Room 1-178. He will be assisted by the Office of the Dean of Students, the Placement Office, the freshman and Sophomore Placement officers, and the Professor of Military Science and Tactics.

The Tech



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Dr. Compton's Address As Given At Convocation

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devote our energies in the direction where they are needed.

The Institute has appointed Professor J. D. Mitsch of the Department of Civil and Sanitary Engineering to advise students on these reserve plans and to provide them with the most recent information. His headquarters will be in Room 1-178. He will work closely with the Office of the Dean of Students, the Placement Office, the Freshman and Sophomore Placement Officers, and the Professor of Military Science and Tactics, all of whom will be available for consultation. As of today we have not been notified by the First Corps Area what our Army Enlisted Reserve quota is or when students may start enlisting. When this information becomes available, it will be passed along to you promptly.

Educational Program

Many students have asked whether we contemplate any further changes in our educational program. As you know, our present plan is a sort of minimized speed-up in which the freshman, sophomore, and junior years carry on as usual, but in which the senior class begins in June after finishing its junior year and carries on through the summer and fall terms to graduate in February. No change is now contemplated in this program and we will hold to it so long as events and national policy permit.

Accompanying this program is the arrangement whereby every undergraduate student is expected to spend his summer vacation either in attendance upon a regular educational program or in some work considered essential in the war effort. The Placement Bureau has been most successful in assisting undergraduates to find summer employment. Over eighty per cent of the sophomore class, for example, has already been placed or received offers.

In certain departments of the Institute, graduate work will start

on June 8, and graduate students enrolled in those departments will commence their work at that time. In those departments where graduate work commences in September, subjects offered in the summer term will in some cases be acceptable as part of the Minor requirement for a doctorate. For some graduate students who have undergraduate prerequisites to be satisfied, there is also opportunity for taking the required subjects in the summer.

It is urged that every new graduate student ascertain at once from the Head of the department in which his major work lies, what opportunities exist in the student's particular case for beginning his work toward an advanced degree in the summer session, unless this action has already been taken. Attendance during the summer term will be credited toward the residence requirement for an advanced degree on the same basis as any other term.

Let me add in conclusion that I have been impressed since December 7 with the realistic and composed attitude of the great majority of Technology students. With a more serious and objective attitude toward their work, they are applying themselves in a way that seems certain to yield extra educational dividends. One of our department heads recently commented to me that, "In my twenty-four years of instruction here at the Institute I do not think I have experienced better teaching 'weather' than we are enjoying at the present time. . . . I have never seen a time when our student body at Technology is more alert to capitalize upon their educational opportunities than today. Needless to say we are all stimulated to provide them with the kind of mental nourishment that not only fulfills their need, but whets their appetite for more."

In making this report to you, I have described opportunities and conditions as they exist today. You and I both realize that conditions may dictate changes both for the Institute and for individual students. If changes become necessary, we are prepared to inform and advise you promptly, and I hope, helpfully. I can assure you

To Receive Summer Issues Student Must Leave Address

Students holding subscriptions to The Tech may have copies of the two summer issues sent to them at home by leaving their names and addresses with the secretary in The Tech Business Office, Room 301, Walker Memorial. The office is open from 2 to 4:30 P.M., Monday through Friday.

Summer issues of The Tech will be published on Tuesday, July 21, and on Wednesday, September 9. Each issue will cover the activity at the Institute during the preceding session.

Students now receiving The Tech under the group subscription plan, as in the dormitories, Graduate House, and in some fraternities, are also eligible to receive these issues.

TCA Boys Work Donates \$1,000

Fourth Yearly Gift For Benefit of Poor

For the fourth successive year the Boys Work Division of the T.C.A. is donating \$1000 to settlement houses in Greater Boston, the money to aid in sending poor children to camp for two weeks this summer. This was announced last night by Stanley B. Roboff, 43, director of the Division.

Last year the money was distributed to fourteen settlement houses, and sixty children were sent to camp as a result. This year the \$1000 is to be apportioned among twenty houses. The money will be given to the houses in which Technology men have carried out a part of the boys' work program. Each child sent to camp with the funds donated by the T.C.A. will be required to write a letter to the Boys' Work Division, telling of his or her experiences during the vacation.

also that we will do our level best to maintain Institute educational standards and that we will not yield these standards except as it can be demonstrated that by yielding them we can make some more important contribution to our national effort.

TAKE YOUR CUE FROM THE PRESIDENT

Today President Compton addressed a meeting of Institute staff and students and explained to them the means by which Technology men could be deferred until graduation under the intensified, more stringent rules that have been recently devised to decrease the number of draft deferments and to swell the armed forces of the nation. At the same time, he complimented the student body for the spirit with which it has accepted the responsibility that was thrust upon it by the fiasco of December 7, a spirit which faculty members have detected in the increased industry and conscientiousness with which the students have performed their vitally important duties.

To this we would like to add both our congratulations and a warning that, with the tightened deferment rulings and the nation's alarming need for technically-trained men, the significance of the engineering student's part in America's war effort has grown considerably. He must carry on in his present seemingly unimportant capacity with more painstaking diligence than in the past. A potential technical expert, who lets things slide in the usual collegiate manner, may easily find himself too low in his studies to qualify for a draft deferment. Or he may manage to eke out the necessary grades for deferment but still find himself incapable of doing the job of an expert engineer. Either way America loses a valuable man, one that can not be replaced without loss of precious time. A student who works with zeal and perseverance, on the other hand serves his country where she needs him most.

TOMORROW MAY BE TOO LATE



EXAMINATION SCHEDULE

SATURDAY, MAY 23—9 A.M.

1.572	Stat. Indet. Struct.	Wilbur
1.639	River Engineering	Rose
5.54	Sp. Top. Org. Ch.	Morton
7.592	Pub. Health Eng.	Horwood
10.63	Ind. Chemistry	W. K. Lewis
M352	Adv. Cal. for Eng.	Franklin
M672	Par. Diff. & Int. Eq.	Crout
	Special Examinations	

MONDAY, MAY 25—9 A.M.

1.21	Ry. & Hy. Curves	Babeck
1.812	San. Eng. Adv.	Camp
4.422	Arch. History	Putnam
4.472	Eur. Civ. & Art	Seaver
6.00	Elec. Eng., Prin.	Frazier
6.516	Power Sys. Anal.	Fitzgerald
7.14	Compar. Anat.	Blake
13.40T	El. Ship Const.	Manning
13.76	Adv. Marine Eng.	Burtner
Ec122	Econ. Principles	MacLaurin
Ec88	Prin. of Psychol.	McGregor
M382	Th. of Functions	Cameron
M442	El. Diff. Geom.	Struik
M77	Vector Analysis	Hitchcock
	Special Examinations	

MONDAY, MAY 25—1:30 P.M.

1.422	Structures	Mitsch
2.031	Struct. Mech., El.	Holmes
2.06	App. Mechanics	Adkins
4.482	Bur. Civ. & Art	Seaver
5.62	Physical Chem.	Millard
6.30T	Elec. Com. Prin.	Gullemin
7.29	Bacteriology	Jennison
7.302	Bacteriology	Horwood
8.01	Physics	Warren
8.02	Physics	Sears
13.021	Naval Arch.	Chapman
15.52	Accounting	Porter, Robnett
Ec11	Econ. Principles	D. S. Tucker
M37	Calculus, Adv.	Douglass
	Special Examinations	

TUESDAY, MAY 26—9 A.M.

2.40	Heat Engineering	Svenson
6.44	Electrical Eng.	Kingsley
7.06	Botany	Jennison
M21	Calculus	Hitchcock
M22	Diff Equations	Zeldin
	Special Examinations	

TUESDAY, MAY 26—1:30 P.M.

2.42	Heat Engineering	Svenson
5.02	Chemistry, Gen.	Wareham
5.42	Org. Chemistry	Huntress
7.20	Physiology	Sizer
8.062	Int. Physics	Sears
13.12	Th. Warship Des.	Rossell
Ec40	Money & Banking	R. E. Freeman
M332	Math. Th. of Stat.	Wadsworth
	Special Examinations	

WEDNESDAY, MAY 27—9 A.M.

1.64	Hydraulics	Russell
2.94	App. Mechanics	MacGregor
2.551	Flow. Plant Eng.	Taft
6.03T	Elec. Eng. Prin.	Lyon
8.034	Physics	Squire
8.04	Physics	Page
8.04	Physics	Frank
	(VI, VI-A, VI-B, VIII, XVII)	
15.50	Accounting	Porter, Robnett
	Special Examinations	

WEDNESDAY, MAY 27—1:30 P. M.

2.422	Heat Engineering	Svenson
15.81	Marketing	Tallman
16.20	Structures	Newell
Mc12	Econ. Principles	D. S. Tucker
M11	Calculus	Douglass
M12	Calculus	Douglass
	Special examinations	

THURSDAY, MAY 28—9 A.M.

2.01	App. Mechanics	L. S. Smith
2.011	Anal. Mechanics	L. S. Smith
2.033	Struct. Mech.	Holmes
5.13	Quant. Analysis	Marvin
	Special Examinations	

THURSDAY, MAY 28—1:30 P.M.

1.40	Structures	Fife
1.401	Structures	Fife
2.252	Fluid Mechanics	Hunsaker
6.02	Elec. Eng. Prin.	Gray
7.42	Chem. of Foods	R. S. Harris
7.702	Tech. & Chem. of Food Supplies	Proctor
8.311	Atomic Struct.	Allis
10.29	Ghem. Eng.	C. S. Robinson
13.02	Naval Arch.	Manning
16.10	Aero. of Air. Des.	Ober
	Special Examinations	

FRIDAY, MAY 29—9 A.M.

2.042	App. Mechanics	MacGregor
13.52	Marine Eng.	Burtner
14.04	Dyn. Meteor.	Haurwitz
14.72	Phys. Meteor.	Houghton
E22	Lit. & History (Hist. of Thought Option)	P. Roberts
E22	Lit. & History (Drama Option)	D. M. Fuller
E22	Lit. & History (Growth of Western World Option)	P. Roberts
	Special Examinations	Bartlett

FRIDAY, MAY 29—1:30 P.M.

1.62	Hydraulics	Russell
2.00	App. Mechanics	L. S. Smith
5.141	Anal. Chemistry	Gibb
7.08	Parasitology	Blake
M332	Analysis	Franklin
	Special Examinations	