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# TECH NEWS



CITY COLLEGE OF NEW YORK

VOLUME XI — NUMBER 5

WEDNESDAY, DECEMBER 9, 1959

222

BY STUDENT FEES

## ASME Dues Cut

The president of the American Society of Mechanical Engineers, Robert Gordon, disclosed that the local dues in ASME are being dropped as of next semester.

He stated that, "During my four years at the College I have been part of many groups, including Phi Epsilon Pi Fraternity, Pick and Shovel and other societies. I have seen dues and they go only one way — and that is up. As soon as something



Robert Gordon, ASME president.

happens, someone wants higher dues or larger fees. ASME, being the dynamic organization

## ROTC In E-Day

E-Day, to be held on the 2nd of April, will again include a display put on by the Department of Military Science and Tactics. As in the past, the student demonstrators will be members of the Corps, but this year they will be decked out in their new issue uniforms.

This year's display holds promise of being the best one yet. Although E-Day is about four months away, the ROTC has already begun to plan for the April show. The demonstrators, members of the Society of American Military Engineers, will show the visitors some of the duties, equipment and works of the Corps of Engineers. To supplement this exhibit, they will have on hand scale models of army bridges. There will also be a working set-up of the field telephone and field switchboard.

Since the Army Engineer is a soldier first and an engineer second, his tools include more than just land graders and power shovels. He must be able to handle the weapons of the G.I. with as much dexterity as is called for in the operation of a bulldozer. These weapons will also be on display, with an assortment or rifles, machine guns,

(Continued on Page 4)

## Resumes

By AL BIEBER

It is no longer necessary to spend many long hours typing up resumes for future employment opportunities. Starting this term, the City College Alumni Association is making it possible for all graduating seniors to have these resumes printed at a very nominal fee.

Here is the procedure to follow: submit a copy of your resume to the Alumni Association office in the Finley Student



Dr. Robert Whitford, secretary of the CCNY Alumni Association.

Center, room 440. The resumes will be neatly mimeographed at a cost of \$2.50 for the first fifty copies and fifty cents for each

(Continued on Page 4)

## New ME Lab Equipment

By MORTON COHEN

In the hope of making its laboratories among the most modern to be found in any American college, the Mechanical Engineering Department has been inspecting and purchasing new equipment to be used in the new Tech Building. Very little of the recently acquired material will be seen prior to the building's completion.

Already the Department has received two automobile engines as gifts from industry. The Chevrolet Corporation has donated an eight cylinder 1957 engine while Studebaker has given a 1959 six-cylinder motor. Because of its large horsepower output, the Studebaker engine cannot be tested at full load with the present dynamometer.

Also planned as a purchase in the near future is a gas turbine engine which will be coupled to a dynamometer. This unit will be in a separate room with controls and meters on the outside and a window through which to study the turbine.

Similarly, an air conditioning apparatus room is in the planning, as well as a refrigerator test unit and a centrifugal water pump. Students will perform experiments with both the new pump and the present Dean pump.

A supersonic flow analyzer will either be bought or constructed by the department. With this set-up, flow phenomena will be instrumented and photographed.

Shock waves and high velocity compressible flow of gases will be studied. Because a lightbeam through a high-velocity fluid is refracted, photography will be added to the present measuring methods. For a similar study of

## Council Referendum on Ballot; TIIC Urges Strong "Yes" Vote

The composition of Student Council is once again an issue in Student Government elections. Two weeks from now, students will be asked to reapprove or defeat a referendum establishing election of Student Council representatives by class and school.

This system, now in effect, was adopted with the approval of a similar referendum one year ago. A clause in that referendum, however, provided that the students be asked to vote on the matter again at the end of a year's time.

The system that this method supercedes provided that students be elected to represent their respective year in Council. The approved measure instituted instead representation within schools. Each class in the School of Technology sent three reps to SG's legislative arm, while each Liberal Arts and Science class also sent three. Education majors were represented in a similar manner.

The change was made to increase political activity in the College as a whole, and the School of Technology in particular. The decision was taken after many Council seats had gone unclaimed for several semesters.

In an action taken last Wednesday, Student Council voted to recommend defeat of the referendum at the forthcoming Student Government elections. Reasons given included an alleged lack of interest on the part of student engineers, and the divisive effect such a system has on the College as a whole.



Judith Perry, TIIC President

The Technology Interfraternity Intersociety Council in its meeting Thursday, however, took a strong stand in favor of the passage of the referendum. In a resolution approved by an overwhelming majority, TIIC pledged to work for the passage of the measure "with every means at its disposal." Contending that defeat of the referendum would mean a decrease in Tech representation on council, with a concomitant lessening of influence in Student Government, the engineering societies' ruling body plans a strong campaign to get out the Tech vote and insure the repassage of the measure.

David Bernheim, candidate for SG president on the Inde-

pendent Student Ticket, maintained that the effect of the defeat of the referendum would be an overwhelming proportion of Liberal Arts students on Council. In addition, he stated that retaining the present system would make it harder for militant groups to gain control of the student government apparatus. "It often happens," he said, "that there are groups in college which are extremely militant in support of the special interests which they seek to promote. It would be possible for any such "pressure group" to gain a disproportionate amount of influence if the referendum were defeated simply by flooding the elections with candidates. Under the present system, it is difficult to flood the election, because there are few organizations on campus who have large numbers of students in all the schools."

Coupled with this referendum will be a second one, providing that any seats from any of the schools remaining unfilled after elections will be filled by council without respect to the school prospective applications are enrolled in. This referendum, of course, is conditional upon the passage of the first one.

## Three Members Added To CE, ME Faculties

By TED SEMEGAN

When the fall term began in September, 13 new instructors joined the School of Technology. In the past two issues of TECH NEWS, the new instructors of the Electrical Engineering department were interviewed. To complete the series of three articles on the new instructors this term, the remaining new teachers, in the C.E. and M.E. departments, will be introduced to you.

William C. Sorrentino is among



Studebaker engine, ensconced in crate, as it stands in ME lab.

steam, a flow nozzle test stand will be acquired.

An axial-flow air compressor will be added to the present equipment, enabling students to study such things as variable pitch and the use of staging. Under investigation is a new wind tunnel which will develop greater air velocities than the present one.

In order to augment its courses in heat transfer, the mechanical

(Continued on Page 4)

the many new instructors who have graduated from City College. Mr. Sorrentino joined the C.E. department after his graduation from City College in August, 1959. He had graduated from New York Institute of Arts and Sciences in 1950. He then worked as a draftsman at Cerro DePasco Corporation and as an estimator at the Webric Steel Corp.

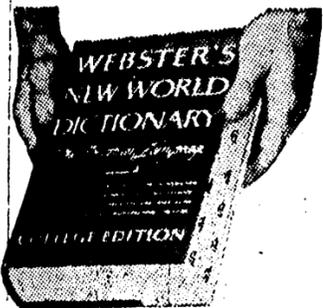
Then he decided to do undergraduate work at City College in Civil Engineering. While in City College, he was a member of Tau Beta Phi and Chi Epsilon as well as the American Society of Civil Engineers. Mr. Sorrentino's main interests in civil engineering are in fluids and strength of materials. He enjoys theatre going, and does a lot of reading. He said he would like to make teaching his career.

David H. Geiger, also a new member of the Civil Engineering department, graduated from Drexel Institute of Technology

(Continued on Page 3)



William C. Sorrentino



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Resumes

(Continued from Page 1) additional fifty. However, to obtain this service, the student must also promise to join the Alumni Association on graduation.

Alumni membership dues are \$2.00 per year for members of the class of '60. Students who take advantage of this offer will receive the added attraction of membership paid in full until August, 1961.

The Placement Office is now distributing copies of "Career," 1960 - For the College Man, to Students in their senior year. This book contains detailed presentations by employers interested in college-trained men looking for career opportunities.

Copies are available in Room 423, Finley.

Equip ME Dept

(Continued from Page 1)

Engineering Department is building apparatus for the study and analysis of convection, conduction and radiation effects.

Supervising all of this activity are Professors Repetto and Burgess of the Mechanical Engineering Department. Professor Repetto is in charge of the heat-power recitations, while Professor Burgess supervises the heat-power laboratories.

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ROTC In E-Day

(Continued from Page 1)

mortars and rocket launchers. Their purposes, capabilities and limitations will be explained to the visitors by the SAME student instructors.

There may be some displays from the U.S. Army for E-Day too. Captain Stedle, has put in a request for some exhibits from the Army, but approval of his request cannot be definitely confirmed at this early date.

The ROTC is attempting to show some of the accomplishments of the Corps of Engineers. In addition to bridges, there will be displays of minefield construction, mine field detection, and the building of various other obstacles so important in Army defense.

What is the purpose of E-Day participation on the part of the Department of Military Science

and Tactics? Cadet Mar Broitman, president of SA gives part of the answer. "There are too many high school graduates coming into the College do not realize what the ROTC all about.

Baronettes and Professional Bridesmaids urgently need for G&S production of Rudigore.

Interested parties contact Naomi Rosenthal at SE 9504, Tuesday evening or at 417F Thursday evening p.m.

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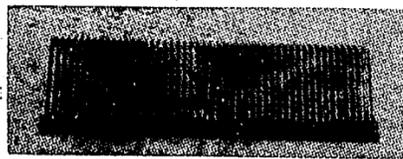
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