Dr. Killian Cuts The Ribbon

Da Vinci's Work Shown In Bldg. 7

Models of inventions of Leonardo da Vinci, previously on display at the Burton Museum of Science, are now being exhibited in the main lobby of Building 7. The exhibit will continue through October 6.

Copyright of this year's research study by Dr. Roberta Lea, who has been granted Leonardo's authorship, the models depict such project inventions as the parachute, the helicopter, and a self-propelled car together with other devices that were used with success in Leonardo's own time. Some of the models in the exhibit are in continuous mechanical operation while others may be operated manually by visitors. The exhibit is being held under the supervision of the Fine Arts Department of the Department of International Business Machines Corporation, owner of the copyright of the Leonardo da Vinci's Invention of the 100th anniversary of Leonardo's birth.

Punched Tape, Servos Control Milling Machine

A numerically controlled milling machine, which operates on the principle that an inch is an inch no matter how it is cut in the world, is now in operation in the new Naval Architecture Laboratory. The devices, which combine precision and pioneer step in the automatic control of machine tools, is now in operation. The new machine responds in instructions transmitted to it as numerically controlled. The automatic transmission of messages, which are performed on modern computer devices, for many of the machine operations are now available to the operator. The operator can in minutes our many of the tasks that it performs to take hours.

The numbers which drive the machine are derived directly from the drawings and specifications of the part to be worked. This digital information is fed and punched on a paper tape similar to that used in the automatic transmission of telephone messages.

The information on the tape is interpreted by the machine director which employs standard electronic information-processing techniques. The commands are then carried out by power amplifying servomechanisms.

The Techt's extensions its welcome to the Class of 1956

Record Number of Applicants

Now Enrolled in Class of 1956

Engineering Shortage Causes

Boon in Technical Vocations

Between 300 and 500 freshmen make this year's largest entering class in the history of the Institute. Total enrollment for the Class of 1956 will be 2000 this fall.

The unusually large number of freshmen was greater than originally planned by the Admissions Office. Each year for the past seven, the number of undergraduate students has been larger than anticipated, thus explaining the large number of freshmen who have dropped after acceptance by the Institute. The Admissions Office has attempted to continue this year; the fact that it didn't explains the large number of first year students.

Applications Up 15 Per Cent

Professor R. Alonso, secretary of the Admissions Office, reported that the number of applications this year for the Class of 1956 was up 15 per cent over that of last year.

In addition to the large freshmen class, there were increases in other departments. The number of Graduate students is about 250 more than last year.

The total number of freshmen was 200 more than last year. There are about 500 college transfers, students representing other educational levels, who are still studying here at the Institute.

Previous High in 1947

The general increase of students, transfers, and freshmen, in five in part to the increase in the number and size of scholarships provided by the Institute.

Previously, the largest September Freshman Class was that of 1948, which totalled 885 students. 225 more students entered in September of this year.

February, however, making the total number of freshmen that year 1146.

By the end of the term, the number of freshmen was 1275, or 252 more than the previous year.

Burton Section

410 Renamed After Conner

Center Hall will be the new name of the eastern section of Burton House, formerly known as the 410 section. It was announced by Robert R. Kinsbach, Director of the Division of Business Administration. It will be named after C. E. Conner, who has contributed $247,000 which will be used in the construction of Burton House. A plaque will be placed in the entrance to the eastern lounge. At his retirement in 1959, Mr. Conner was the President of the American Machine Company in Nashua, New Hampshire.

Course Registration

J. S. Killian, Jr. is about to close the cabin at formal opening of the newly enlarged Com. Dr. Killian as well as Mr. G. E. Colby, President and General Manager of the storeroom, will address students.

Class short address:

A new wing of the Technology Store, providing 11 per cent more selling area and 30 per cent increased storage space, was officially opened by President S. R. Killian on September 18. Eighty per cent of the new selling space houses a well-stocked General Book Department with ultramodern lighting arrangements that minimize glare. The new这就是 fixtures have a walnut finish. Student traffic during term rushes will greatly be facilitated through the store's six entrances as a result of modern floor planning.

During the ceremonies a short address was made by Mr. George E. Colby, President and General Manager of the Harvard Cooperative Society. Following, President Killian spoke briefly and then cut the ribbon that opens the new Book Store.

Thirly-nine Students Receive Scholarships For Advanced Study

Thirty-nine students, graduate and junior of the 1956-57 academic year, have been awarded scholarships since the beginning of this academic year. Including the 20 Overseas Summer Fellowship, 16 to graduate students, 2 Fulbright awards, and seven foreign European Fellowship scholarships, in addition, 13 Graduate Fellowships of the Office of International Business Administration, the number of scholarships awarded since the beginning of the 1957 academic year has risen to 81.

In announcing the award of the Overseas Summer Fellowships, Professor J. S. Killian, Jr., chairman of the Institute's Foreign Study Committee, stated that the purpose of the fellowships is "to afford the Institute's constituent graduate student the opportunity to travel and study in Europe." The fellowships, which are awarded during a period of time with the understanding of the young scientist and engineer that he will return to his own country with an increased understanding of the scientific and technical conditions under which he lives.

New System of Freshman Counselling Set In Motion

Both students and faculty will undergo freshening counselling this year in a newly planned program designed to facilitate adjustment of first year students in their new environment. Through the highly integrated organization, it is hoped that the period of introduction may be shortened and individual growth promoted. In keeping with the guiding precepts of student organization, this program will attempt to optimize the role of student government in the student's environment and in individual counseling. Thus, the program emphasizes that living groups will be invaluable to the students in their new role, and in the world of tomorrow, in the world of tomorrow, in the world of tomorrow, in the world of tomorrow.