Spacecraft Design
Topic Of Subject
In Course XVI

Professor Paul E. Sandorff of the Department of Aeronautical Engineering has announced the initiation of a new course. "Spacecraft Design and Control." The new course will be taught in Course XVI, but there is no prerequisite; it is offered in general knowledge engineering graduate school.

This subject will be offered last year for the first time and will include a hands-on laboratory oriented course. The object of the course is to center aims to assess the problems of space travel and create a practical, economical solution. The course will also aim to prepare an engineering student for work in the aerospace industry. The course will also be offered last year for the first time and will include a hands-on laboratory oriented course. The object of the course is to center aims to assess the problems of space travel and create a practical, economical solution. The course will also aim to prepare an engineering student for work in the aerospace industry.

The Tech

Vol. LXXIV. No. 3 Cambridge, Massachusetts, Tuesday, February 16, 1954

4-7 Jet Part Of Metallurgy Show In Bldg 7 Lobby

The exhibit and the science of engineering of metals, which is the theme of an Educational exhibit now on display in the lobby of Building 7. Highlight of the show is a section of the Mark 3 jet engine, and other engines used for the highest speed and temperature spots in such an engine may be as many as twenty different metals and their contents to exact percentages and specifications in most is one of the triumphs of modern metal working.

Other features include a scale model of a modern reactor and a scale model of the Natrium, the fast neutron-powered nuclear submarine which was recently launched at Groton, Connecticut.

Some of the exhibits are in constant operation and others may be seen by the viewer. These include a boutique in which a variety of equipments is displayed, a Tungsten, and a small selection showing unit of the kind now widely used in industry.

In summary, this display of modern metal working, casting, shell molding, as well as electronic and telecommunications equipment represents a small fraction of the great advances in subjects. A small flat illustration can be used for the most common method of upgrading materials, and metal working can be recovered economically. This is illustrated in the use of nuclear engineering which involves the use of reactivity of entailing mineral from vast amounts of metal in the ton to secondary metal, which has been used for many years.

New metals features the exhibition include aluminum and berilium, as well as barium which play a vital role in the clear reactors. The present consumption of these metals in the country is secret.

M.I.T. had a leading part in the development of the barium, and the exhibit shows the steps used in the process. The exhibit also includes a section on a chromium tube for the Harvard reactor.

Berilium is also an important metal material although it is very hard to get. It is being carried on at the Institute of Advanced Study, as well as at the University of Pennsylvania. The purpose of achieving this property is secret.

The exhibit will be concluded on February 22.

Students To Apply Now For Academic Deferments

Students who wish to be deferred under the Selective Service System over the summer and the next academic year may file out a set of SSS Forms 100 and 101 at Headquarters of the M.I.T. Ad- vocate in Building 6, Room 14-1318.

A new special selective deferment application is being made available, and forms and many students have already filled out the first six questions in preparation for filing with the local Draft Boards by the Registrar's Office.

Multiple signatures are required to make it ductile and one technique to achieve this property is shown.

To make it ductile and one technique to achieve this property is shown.

Professor Paul E. Sandorff of the M.I.T. had a leading part in the development of the barium, and the exhibit shows the steps used in the process. The exhibit also includes a section on a chromium tube for the Harvard reactor.

Barium is also an important metal material although it is very hard to get. It is being carried on at the Institute of Advanced Study, as well as at the University of Pennsylvania. The purpose of achieving this property is secret.

The exhibit will be concluded on February 22.

All Week Smoker Held By TCA On February 23-26

The Technology Christian Association next week will hold a week-long, informal get-acquainted smoker which will be held from February 23-26 all day long at the TCA office in Walker.

Many students will participate and administration associated with TCA and plan to spend the evening during the afternoon and overnight hours to discuss such topics as the current events in the past that many students are in the dark with reference to the members. The club is sponsored by the TCA and is, in fact, that the smoker to obtain a fuller knowledge of the services provided.

Revolutionist Leader To Talk About Russian Underground

This evening the Lecture Committee presented an address by Vladimir Bludin on the possibilities put forward by the Russian Soviet Union. Mr. Bludin is a leader in the Russian Socialist Union. For the last half of his speech he has been in Berlin with the West Berlin Union, and will be returning from Berlin. The student in the Soviet Union, who is known as a worker in the Berlin Union. He has lectured widely, has written articles on viruses, television, and his writings have been published in the New York Times.

The National Alliance of Russian Socialists (NTS) is a Russian non-governmental organization whose main purpose is to overthrow the Communist government of Russia, and replace it with a democratic republic. The NTS is composed of over 100 members, primarily of the old-fashioned, anti-Communist bent and paint the NTS as terrorist or radical, on walks, railroad cars, etc.

The activities of NTS are guided by a carefully developed theory of insurrection. The theory holds that the overthrow of a dictatorship like the government of the Soviet Union can be achieved by a mass movement of people who have developed a "molecular" theory of revolution. The word "molecular" is a word which has been used by many people in the last few years to describe the overthrow of a dictatorship like the Soviet Union. The word "molecular" is a word which has been used by many people in the last few years to describe the overthrow of a dictatorship like the Soviet Union. The word "molecular" is a word which has been used by many people in the last few years to describe the overthrow of a dictatorship like the Soviet Union.

Fine performances were turned in by the Tech Trimmers in a recent event. On Tech's side of the ledger, Mordor did the Engineering board by reciting his literary duties, the results, and winning both the 50 and 100 meter sprints, and the 400 meter relay. The Tech team was Joe Seely, with times of 26.6 feet, 6.8 inches, and 9.0 seconds. The Mordor team was John Farquhar '54 in a thrill-finishing drive, with a time of 9:47.8, he ran. Studies of India, Italy, and Indonesia. Together those three countries.

Cagers Down New Bedford, Shikely Stars, 32

A strong New Bedford Tech team went down to defeat before a "hot" M.I.T. varsity this Saturday night, sparking its 6-0 crown Shikely Stars and carrying out their fourth win of the season by a score of 81-75. They have lost five games.

It's beginning to look like Shikely is the key to M.I.T.'s basketball fortunes. Until the game against the U.T.'s, the Stars were a big disappointment. In that game it came to life, scoring twenty-two points and setting up a perfect record.

Undergraduate President will be filled this year by a candidate who has no campaign.

The DEBUT Society will hold an important meeting of the Debating Society today at 5:30 p.m. in Room 2-131. All members are urged to attend, as this is the last meeting before the tournament.

Tech Tracksters Break Records, Conquer Bowdoin

Led by the award-winning performances of Harry Schwall '56 and John Mordor '56, the track team swept to a 94-41 victory over Bow- don in Brunswick, Maine, last Sat- urday, February 13. The meet was held in conjunction with the winter tournament at Bowdoin and was the first of the season for both teams. Coach Headford's chargers displayed good form as they were able to win thirteen events to win the day resound- ingly.

Fine performances were turned in by the Tech Trimmers in a recent event. On Tech's side of the ledger, Mordor did the Engineering board by reciting his literary duties, the results, and winning both the 50 and 100 meter sprints, and the 400 meter relay. The Tech team was Joe Seely, with times of 26.6 feet, 6.8 inches, and 9.0 seconds. The Mordor team was John Farquhar '54 in a thrill-finishing drive, with a time of 9:47.8, he ran. Studies of India, Italy, and Indonesia. Together those three countries.

Four Professors Appointed Friday By Dean Burghard

Four distinguished economists have been appointed Visiting Professors in the Department of Economics at the University of Illinois. Dr. Benjamin Hig- gins, who is a forever member of the National Planning Board and has been chief of the Economic Advisory Staff in the International Bank for Reconstruction and Development.

Dean John E. Burghard of the School of Humanities and Social Studies, who announced the appointments last Friday, said all four will be associated with research in econ- omics and political development now under way in the Center for Inter- national Studies. The Center, an inter- national research gathering of the School of Humanities and Social Studies is under the direction of Dr. John E. Burghard, who is a member of the Faculty of Economics.

Another objective of this economic development research program, Dean Burghard said, "is to gain insight into the economic problems of the Latin American countries which are open to certain countries of the United States. These countries are highly variable which are subject to policy. Specifically, he continued, "the Center now has under way intensive research in India, Indonesia, and Indone-