

From the News Service  
Mass. Institute of Technology  
Cambridge, Mass.

For Release in SUNDAY Papers  
of May 6, 1951

Twenty-four special technical and professional programs designed for summer visitors will augment regular studies during the 1951 Summer Session at the Massachusetts Institute of Technology, expected to draw at least 2500 to the campus between June and September.

Special emphasis will be on a series of five professional conferences and 19 special summer courses to be held between June 4 and September 14, designed particularly for guests from industry, research organizations, and other educational institutions to whom M.I.T.'s facilities are not normally available.

Plans for the 1951 Summer Session were announced today by Professor Walter H. Gale, newly-appointed Secretary of the Institute, who was Director of the Summer Session during the period of planning this year's activities. Frederick G. Fassett, Jr., now Director of the Summer Session, will be in charge of the summer programs.

About one-third of the regular M.I.T. graduate and undergraduate students will return for summer studies, Professor Gale estimates, in order to advance their standings or to broaden their experience beyond the limits of regular curricula. This does not represent an acceleration of M.I.T.'s four-year undergraduate program, he emphasizes, and no students not ordinarily scheduled for summer activities will be required to participate this year.

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Summer  
Program

More than 500 engineers, scientists, and educators from industrial and teaching organizations are expected in Cambridge for the series of special conferences and intensive short courses, covering a wide range of technical and professional subjects.

M.I.T. summer activities are also planned at "Camp Technology," the Institute's surveying camp at East Machias, Maine, and at the Nova Scotia Centre for Geological Sciences near Antigonish, Nova Scotia. Special field training in geology will be conducted there in cooperation with Nova Scotian universities, sponsored by M.I.T. and the Nova Scotia Department of Mines.

In announcing these plans, Professor Gale said, "With the ever-increasing importance of technology to the welfare and defense of the nation, it is imperative that the professional engineer and scientist keep abreast of new developments in theory and techniques. It is equally vital that the teachers of our engineering and science students keep in touch with the problems and demands of industry.

"The special summer programs to be offered by M.I.T. are designed to meet both of these needs," he said.

All special activities will be under the direction of M.I.T. faculty members, but many will include as lecturers guests from other institutions and research laboratories.

Three programs scheduled in the mechanical engineering department will review basic industrial production and design. These will be in the fields of lubrication, metal cutting, and hydraulic power control, during the six weeks from June 11 to July 20. Present demands on industry emphasize the importance of these programs, Professor Gale points out.

The importance of using sound waves for industrial testing and processing work will be the subject of a special program beginning on June 18 in M.I.T.'s Acoustics Laboratory. A summer course in corrosion during the same period will provide a review of research and important new developments in corrosion protection.

Industrial chemists and testing laboratories will be especially interested in summer programs in infrared spectroscopy and instrumental analysis, scheduled for the second and third weeks of July. Dr. Foil A. Miller of the Mellon Institute of Industrial Research, Pittsburgh, will assist in presenting the spectroscopy program.

Fifty high school science teachers will come to M.I.T. on July 2 for a six-weeks course to review basic scientific material as well as new developments in technical fields. Fellowships will be provided by a special grant of the Westinghouse Educational Foundation.

Other activities of special interest to teachers will be a program in the methods and principles of textile research, and a conference for New England accounting instructors.

A conference on aircraft gas turbines is expected to cover developments particularly related to current military needs, and other problems in aeronautical engineering will be considered in a course on the automatic stabilization and control of helicopters.

Annual events continuing during the 1951 Summer Session include the three-week course in food technology for members of the food industry, and the fall conference in city and regional planning which will conclude the program of special summer activities during the first two weeks of September.

Special Summer Programs, M.I.T.

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Of special interest will be a survey course in the automatic control of industrial processes by servomechanisms, to acquaint industrial and management engineers with the present possibilities and limitations of servomechanisms and other control systems. A review of the modern theory of information and communication will provide an opportunity for research engineers to become acquainted with important developments in the science of the transmission, presentation, and assimilation of information.

Courses in photoelasticity and steel metallurgy will be offered for representatives of the steel industry and other manufacturing operations. The first American conference in the new field of prestressed concrete will be held at M.I.T. in mid-August.

Members of all special summer courses may reserve rooms in the Everett Moore Baker House, M.I.T.'s serpentine dormitory overlooking the Charles River Basin. They will have use of all recreational facilities of the Institute, including swimming pool, sailing pavilion, and athletic fields.

Office of the President  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MEMORANDUM ON ORGANIZATION OF  
THE PUBLICATIONS OFFICE AT THE  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY:

The Publications Office of the Massachusetts Institute of Technology is established as of May 1, 1951. It is under the administrative responsibility of the Director of the Publications Office.

The Publications Office has the responsibility for planning and publication of all official Institute publications, including the Catalogue, official announcements, and other material bearing the imprint of the Institute.

The Publications Office will be available to departments and to members of the staff of the Institute for advice and assistance on the printing and publication of Institute material. It will serve in every possible way to uphold the typographic standards of the Institute's printing and to maintain a standard of presentation appropriate to the Institute's scholarly activities.

The Director of the Office of Publications will be the Institute officer responsible for the coordination and supervision of all official publications of the Institute, exercising general oversight on procedures, quality, and distribution.

The Director of Publications will also serve as Director of The Technology Press, and in this capacity will have editorial and managerial responsibility for publication of books bearing the imprint of the Institute. In this capacity he will be responsible to the Technology Press Board, formerly the Publications Board, which acts as a board of directors for The Technology Press.

The Director of the Publications Office will be responsible to the Secretary of the Institute.