said he felt that the government had got to balance the budget and that the aerospace field must justify further spending to the public.

Cutbacks natural

"I consider the current cutbacks to be a hiatus following" naturally after the Apollo Program success. The public hasn't really seen the potentials, in spite of the end of the aerospace program, and we think we should expect cutbacks until we have a chance to explain how our forces and show people the benefits. Our major strength on the world market is not manufacturing - we're a high cost producer - but, rather, the quality of our technology. As an example, the British cut back drastically in technological spending a few years ago, and their economy stagnated as a result. I recognize the need for the present cutbacks, but I do feel that they should be looked upon as temporary by the government."

The aspect of the NASA cutbacks that did affect Course XVI was the cancellation of the Cambridge electron bunch, with which MIT was to have had close affiliations, according to Miller. The physical plant is being taken over by the Department of Transportation, with which MIT will have ties, though not so close as was anticipated with the NASA group. Prof. Miller was also asked about the process by which funds are obtained, and how closely these activities are coordinated by MIT.

Funding process

"The research, which supports the graduate work, is run by individual labs with one or more professors. They are individuals who bring in the support, by making unsolicited bids for the work they are interested in. Usually when, for example, the Defense Department wants some work done, they send out RFB's - requests for bids - and any interested parties enter their bids. In general, we don't do this; it's the individual professors who look for funds on the basis of their own reputations. MIT doesn't coordinate this, and I don't think they should."

Departmental problems

Miller has had no feedback of a negative nature from graduates concerning difficulty in finding jobs. As a matter of fact, relatively few go into industry - most go on to further graduate study. There has been, however, a marked drop in Course XVI enrollment; this year's sophomores of more class has fallen to 29 from last year's 40. The Tech contacted one senior who transferred out of Course XVI because of the cutbacks. He commented that he would have thought he was "too dependent on the government," though he did not know of any widespread resignation among undergraduates about the employment situation. Miller, too, notices a minimum of such concern, and expects a new undergraduates buildup on the basis of promising new freshman designations.

Looking forward

With a change to the future of the field, Miller is optimistic, foreseeing growth in the areas of space, transportation, and defense. Besides the necessity for improvement in transportation and for the technological spin-offs inherent in aerospace, he feels, "the situation in Vietnam will give a boost to defense. Funding in Vietnam is the only way to go. We feel that the military will have to go back and replace obsolete equipment; the money cannot help but improve the funding situation in general."

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\text{SOURCES OF FUNDING-MIT Course XVI}\\
\begin{array}{cccc}
\text{DOE} & \text{NASA} & \text{NSF} & \text{Industry} \\
\(68.95\) & \(35.02\) & \(10.02\) & \(1.03\) \\
\text{tot.:} & \text{tot.:} & \text{tot.:} & \text{tot.:} \\
\text{\$2,786,000} & \text{\$2,605,000} & \text{\$2,677,000} & \text{\$1,675,000} \\
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