Aero and Astro symposium
studies industrial problems

"While shuffling out of your 3:00 Aero class with a tired butt from sitting through five earlier classes and a tired hand from copying all that was written on the board, have you ever wondered if that's the best way to accomplish your assumed objective of becoming a good, creative, and innovative engineer?"

This is the question that the Department of Aeronautics and Astronautics will try to answer in an experimental Creative Engineering Symposium to be held April 16-19. The Symposium is the effort of the Student Creative Engineering Committee.

The Symposium will run for three days with all classes scheduled. Students outside Course 16 can also participate in the experiment.

Participating in the Symposium will be all the department professors, about 100 undergraduates and graduates, and 100 top engineers from the aerospace industry. The participants will split up into "workshops" of one professor, two men from industry, and about six students.

Problems posed
Working together on a more or less equal basis, the group will tackle a problem typical to industry which requires a new and creative synthesis of a solution rather than a numerical answer to a linearized, frictionless, point-mass mathematical problem.

The problems will come from the aerospace industries and will be distributed beforehand so everyone can choose his favorite, form the student segments of the teams, and think about solutions before the Symposium starts.

Interpersed with the workshop meetings will be ten minute talks on the whole Symposium by engineers describing how they and their companies have attacked certain problems requiring highly innovative approaches. Lett

ers have already been sent out to tell the speakers that the Symposium should focus on creative ways to get the job done under time and money constraints.

Essence of problem
In a letter to the Course 16 students, the committee explained, "We want to learn the essence of the problem—the part that means as much to engineers as good students. Afterwards there will be time for discussion and questions."

As to the outcomes of the experiment, the Committee stated that "Evaluated as a whole, everybody knows. However, a few are obvious: how individuals well fare. With 100 good men from industry plus 50 professors on hand to let us pick their brains, anyone who tries should succeed in getting a better idea of how to use his engineering knowledge..."

Hansen praised by Ithiel Pool

The students also pointed out that "it would be reasonable to assume that the men from industry will carefully note names of those students who participate creatively, with unpre

pared visits, permanent and summer job offers forthcoming. And the track can be expected to be looking for those qualities which don't appear on cums in prospective graduate student and recipients of financial aid..."

The tentative schedule for the Symposium is as follows: problems have been posted on the undergraduate bulletin board on the second floor of Building 33. Between March 26 and April 4, students should peruse the problems and contact group members and interested professors.

Groups formed
On Wednesday, April 9, group forming meetings will be held.

A week later, the industrial representatives will arrive. Student groups will meet with them in informal groups in the Student Center. Work then commences on the problems through April 19. Problem solutions will be submitted to the Registration Desk in Kresge by noon Friday.

American Power and the New Mandarins

For people throughout the world, Noam Chomsky's essay "The Responsibility of Intellectuals? was a major intellectual and moral event. American Power and the New Mandarins reaffirms the importance of Professor Chomsky's political and historical work and shows its extraordinary range.

In this new collection of essays he dissects the way in which American liberal intellectuals have responded to their doubly privileged position— as representatives of a society with incomparable wealth and power, and as individuals who can share in the use of that power. Pointing out that increasing power or hope for power on the part of our technical intelligentsia in some ways parallels the rise of Bolshevism, Chomsky shows how these "new mandarins" construct an ideology in a variety of fields which justifies their claim to power, and reinterpret both past and present to support that claim. This book starts with Vietnam but goes beyond, touching on such unexpected problems as America's reaction to Japanese imperialism in the twenties and thirties and the way we reacted to the Spanish Civil War. Together these essays reveal the liberal intellectual's design and justification of policy, his subversion of scholarship, and his elitist bias that deforms the sense of history and political reality. Whether judged as a work of history or of politics, Noam Chomsky's new book is an extraordinarily important one.

Arrangements have already been made for translations into all major Western languages and into Japanese.

American Power and the New Mandarins

Historical and Political Essays by Noam Chomsky

$7.95

HARVARD SQUARE

Open Thurs., 'til 9 PM

M.I.T. STUDENT CENTER

MEDICAL CENTER

396 Brookline Ave., Boston

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Chaplain of the College

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Thursday, March 27, 1969
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Kresge by noon Friday.

The Paulists arrived on the West Side of New York City in 1858. In 1895 they moved into San Francisco's Chinatown and into the fringes of Greenwich Village in 1904. They're still there.

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