

Dr. KNOWLES. It is. On top of that we give out pretty close to \$2 million financial aid to students. Part of this is Federal grants under the program of educational opportunity scholarships and some if it, of course, is Federal loan funds. But about \$1 million of hard cash comes from our own endowment funds, income, and other sources.

Mr. GIBBONS. In the 12-month period how much time does the student spend in this cooperative work?

Dr. KNOWLES. Approximately 50 percent. During the 5-year period he obtains 2 years of experience in the job related to his field of study. The engineer works for an engineering firm or industry related to engineering. The accounting student works for professional accounting organizations. The sociology major works for social agencies.

Mr. GIBBONS. Let me see if I understand the way you physically arrange this for your student body.

You bring a freshman in here and for three-quarters he works in the university as a student—

Dr. KNOWLES. Right.

Mr. GIBBONS. Then he takes his fourth quarter out. You divide the class at that time.

Then he comes back after that quarter.

Dr. KNOWLES. He comes back in the fall of the next year. One group of students goes to school and another goes to the job. We repeat each quarter twice so that at the end of the quarter the student who has been in school goes to work. The student who has been at work comes to school. We repeat each quarter twice so that they have the same educational program and the job is covered all the time, because each job is held by two students.

Mr. GIBBONS. How long does it take the student to graduate?

Dr. KNOWLES. Five years. We work and go to school around the calendar. Five calendar years are involved. We complete all the academic requirements of the traditional college. They have an additional 2 years of experience.

Mr. GIBBONS. It makes maximum use of your physical plant.

Dr. KNOWLES. It does. Our faculty can be smaller in size. There is the added advantage that we don't need as large facilities because at any one time only two-thirds of the total student body are here on campus. In other words, we have 12,500 total enrollment. Of that number 7,500 are undergraduates who are here on campus at any one time.

Mr. GIBBONS. Are there any other universities or many other universities or colleges that follow the same procedure you have?

Dr. KNOWLES. Yes. There are about 103 colleges right now that we call cooperative colleges. The University of Cincinnati is like Northeastern in several of its programs; not all of them. Drexel Institute in Philadelphia is the next largest in size to Northeastern. They are wholly cooperative, as we are.

Antioch College of Western Ohio is a well-known one. They operate a little differently than we do. Georgia Tech is one of the large ones. They have 1,200 students on Cooperative Education.

There are variations of this plan. We begin in the sophomore year alternating work and study. Some don't start until the upper class