The formulas of day-to-day contemporary life are inadequate to meet new world situations, Dr. Robert D. Doherty, president of Carnegie Tech, declared in a "Carnegie Day" address in Carnegie Music Hall today.

Addressing the faculty and entire student body of the Institute, Dr. Doherty called on them return to "the very fundamentals of science and life".

Asserting that it had been his careful observation for 25 years that most persons live in a state of complacent confusion, he stated:

"The consequences...become national in scope when confused minds must decide matters of destiny, for democracy rests full weight on the proposition that the people are competent to determine their destiny."

In a world which will certainly become even more confused and demoralized than it is today, Dr. Doherty told the students:

"It is of commanding importance to your own welfare and to your country's that you prepare yourselves...to meet with intelligence, courage and confidence the new and trying situations which rapid changes are now bringing about."

To accomplish this, he said:

"There must be a clarification of basic philosophies—personal, professional, social."

This can only be brought about by clear, straight thinking, and by a recollection of the virtues measuring all great human achievement, hard work, sacrifice, faith, and courage, he concluded.
"Most people live in a state of complacent confusion. It has been my careful ob-
servation during the past 25 years.
The consequences...become national in scope when confused minds must decide
matters of destiny, for democracy rests full-weight upon the proposition that
the people are competent to determine their destiny."

This may strike you young men and women personally and professionally, nd
as citizens.

"In the confused and demoralized world in which we now live, and which will
certainly become more confused and more demoralized, it is of commanding im-
portance to your own welfare and to your country's, that you prepare yoursel-
es to deal with such a world, that you prepare yourselves to meet with in-
telligence, courage, and confidence the new and trying situations which rapid
changes are now bringing about. I need not tell you that the world is well
along its way to barbarism, chaos, famine; that whatever nations may win this
terrible war, will be haunted and harassed by the impossible task of halting
the drift toward these miserable ends... The formulas of day-to-day contem-
porary life won't do, because they won't apply to the new situations we shall
face. In our thinking we must return to the very fundamentals of science and
life. There must be a clarification of basic philosophies-personal, profess-
ional, social. There must be clear, straight thinking. And to have those
there must be genuinely educated people. Walking encyclopedias and handbooks
will accomplish little."
Why, in this nation of incomparably great educational opportunity, such pervasive confusion? Not lack of intellectual capacity. "The trouble is that too much is undertaken in the time available." "Few, if any, students can in the time available cover all of it (the modern curriculum) with understanding." Result, only partly understand. Racing thru, utterly demoralizing...

"Superficiality becomes a habit, until confusion becomes accepted as a normal state of mind."

"It is therefore a deplorable fact that the college diploma is not a certificate of a cultivated mind." Faith, courage, hard work, sacrifice measure human achievement. instructor can't do it.
The pervasive confusion occurring in our nation of incomparably rich educational opportunity from undertaking too much in the time available, Dr. Doherty said.

Few if any students can cover and understand all of the modern curriculum, and:

"It is therefore a deplorable fact that the college diploma is not a certificate of a cultivated mind."

Clear, straight thinking and a reapplication of the virtues measuring all human achievement, hard work, sacrifice, faith and courage are needed to overcome today's complacency in confusion, he concluded.

(Carnegie Day program and awards follow)