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Op for '80s technology, energy shortage

accounts payable, and financial aid should be linked in the new system by all term of next year.

Overall, Scott projects a general increase in "student access" to computers, as well as the increase in the number of terminals on campus.

With the eventual existence of a new industrial facility, the chairperson of the College's Agri/Industrial Division, George Warren, is planning a marriage between the electronics and automotive courses.

"The automobile is changing. Electronic devices like automatic door openers, ignitions, trunks, radios and transducers that tell you when something is worn out are all a reality. When all cars have 150 or more electronic modules in them, you can bet the auto mechanic will have to be familiar with electronics in the automotive industry," said Warren.

Warren mentioned a college in San Diego, Calif., that has created a "whole new world" for the student through video learning. At the San Diego college, television and closed circuit TV are as much a part of the curriculum as textbooks. There, the curriculum can be piped in-

to homes of the invalid, and the aged, and everyone who takes classes through this kind of learning can not only see what's happening, but talk back to their instructor through two-way TV, he said.

Although Warren doesn't see two-way TV a reality at CCC for about another four years, he said closed circuit TV on and off campus is a technology that will be implemented soon. Aside from the obvious advantages of an alternative form of education, closed circuit TV is a plus on the side of energy conservation. "Instead of students having to come here to the campus for classes, they can take them in their own living room. Talk about the savings in gas and time!" Warren exclaimed.

"Providing the best education in the most efficient way" has always been an important directive to Dean of Instruction Ron Kaiser. "Decentralized education," or "taking education to the people by incorporating new delivery methods and devices," is one of Kaiser's current goals.

"People want to get closer to the community college curriculum, but at the same time, stay closer to home. As a result, we have to take education out where it's more convenient

to the consumer (student)."

One of the ways Kaiser plans to do this is through assisting local high schools in developmental programs like high school continuation. Already, six tuition-free high school continuation courses are offered at Estacada High School, where College-employed instructors teach dropouts or older returning students. Kaiser said Canby High School is interested in implementing the same type of program, and a store-front facility will open soon in Molalla.

With job market trends constantly shifting, the College, in cooperation with Mt. Hood Community College and Portland Community College, has employed a survey team to assess workers' needs in the metropolitan area labor market. "We do not have the date available to us of the numbers of people employed, types of training people have, and what they'll need in the future. With more detail, we can better evaluate what types of training and education we should provide to the worker," said Kaiser.

Teamwork between the College and Oregon State University's extension agency will lead to a more formal relation with the farmer, a worker who has

been part of the landscape of Clackamas County for much longer than the College itself.

"Farming students will no longer need to borrow the use of a farmer's barn for lab use," a common practice in the past, according to George Warren. Just off the drawing board, the College's first livestock facility will "hopefully be ready next year," said Warren.

The livestock facility will be located in a four-acre plot near the southeast side of the College's greenhouse facilities. Not only will it provide a place to learn for nearly 80 percent of the local farmers, who, on the average, own 20 acres or less, but could become a "self-sufficient operation," according to Warren.

Eighteen steer, 50 sheep, two rams, 19 sows and one boar are expected to be housed in the livestock facility, "but we will not begin it as a marketing operation, although we are eventually aiming at self-sufficiency. Now, we're looking more at making the program reach fertility," said Warren.

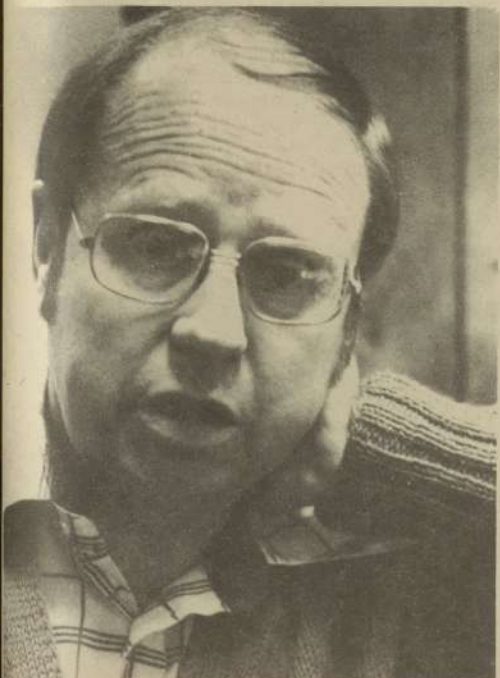
Since the project will produce more than 451 pounds of waste every day when it reaches full operation, the prospect of

a methane digester will serve as a catalyst for farmers to learn to handle the problem of waste disposal, and its possible use as a combustible energy source.

"Looking at people as individuals more than as groups" is the main focus that Health, P.E. and Human Services Chairperson Pat Lantz wants in her division's future curriculum.

One way Lantz plans to reach this goal is in "advocacy training," what she describes as a "developmental program widening the opportunities for people to get back into the system in areas like single parenting, and family life." In general, she said, "helping others how to help themselves."

As a supplement to the already existing Retired Senior Volunteer Program, Lantz wants to start a Senior Companion Program. Unlike Rent-A-Grandparent and RSVP, the Senior Companion Program would put the emphasis on helping the person in a way that they would not have to leave their immediate surroundings, she said. Here, she said the direction is on "self assessment, and helping other people get to where they're going."



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