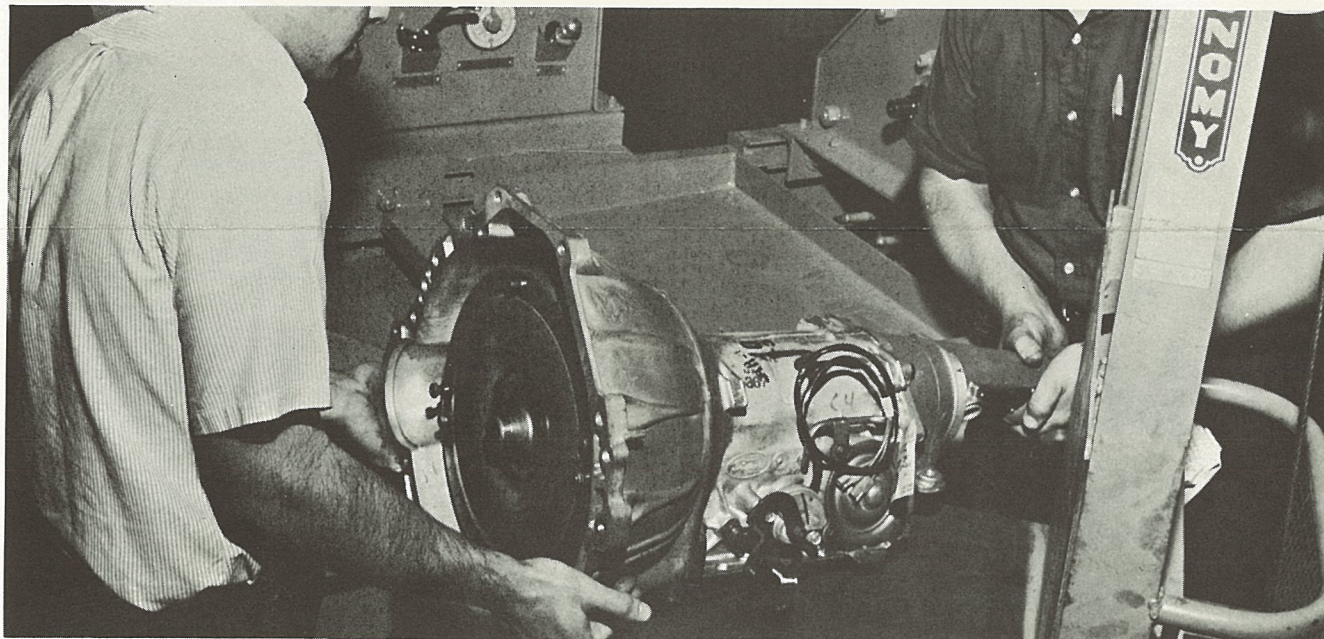


Associate in Technology Degree

## AUTOMOTIVE TECHNOLOGY

Vocational-Technical Institute



The Automotive Technology program at the Vocational-Technical Institute is designed to develop those competencies beyond the essential mechanical skills which prepare a graduate to advance rapidly into supervisory positions in the automotive field. Information and experience indicate that, in general, the route to these positions begins at the mechanic's level. However, the courses in this curriculum are structured to provide a natural increase in level and difficulty, which prepares the graduate to advance beyond the journeyman mechanic. Automotive Technology students are assigned to theory and laboratory courses in their major field. They also work on live automobiles using oscilloscopes, dynameters, and modern electronic testing equipment. Instruments and equipment for special uses are provided in the laboratories to simulate various engine operations to facilitate the learning process.

It is the intent that the Automotive Technology graduates will be adequately prepared to progress in their employment and persist in being employable through periods of rapid engineering changes in the automotive industry. Positions will be more stable and promotions will come more rapidly for those who have the ability to read technical data prepared by factory engineers and to interpret and put into use that information in practical application. Of equal importance is the ability to prepare reports of a technical nature and communicate articulately both orally and in writing with associates,

customers, and factory representatives. Therefore, the program of technical courses in the major field is supplemented by a required sequence of courses in English composition, speech, technical writing, mathematics, physics, psychology, and government.

### Career Opportunities

With the introduction of electronic equipment in the automotive industry, there is a growing demand for men with technical training. As knowledge increases and as problems in design and development become more complicated, job opportunities increase for technicians. Few

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fields of endeavor can offer such employment possibilities in every geographical location. Promotions and advancement are limited only by the ability and ambition of the individual. Graduates are prepared to accept employment as service representatives, combination salesman and service advisors, laboratory technicians, journeymen, or specialized service and repairmen.



### High School Preparation

Two years of high school mathematics and one year of science are valuable preparation. English, speech, typewriting and other courses in communication are always important to success in post-high school level programs. High school mechanical-related courses will be helpful, but should not be taken at the expense of the above mentioned basic subjects.

### What To Study

Each student will be assigned to an adviser, who is a faculty member in the Automotive Technology program. The adviser will counsel students on course requirements, scholastic standards, proper scheduling of classes, and personal problems.

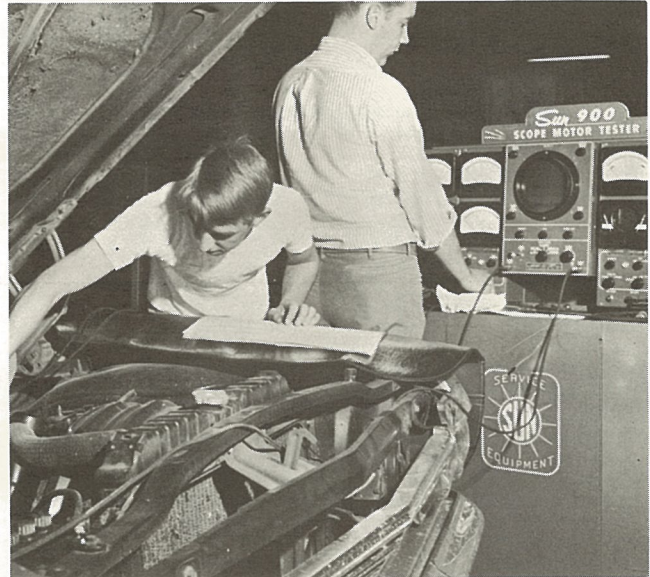
### Financial Assistance to Students

Financial help for students is available for those meeting certain scholastic requirements and need standards through the University's scholarship, loans, and work program. Incoming students should not expect to meet all their college expenses from these sources. The Student Work and Financial Assistance Program serves two major purposes. It provides financial assistance in the form of part-time employment; and it provides work experience which relates, if possible, to the student's academic program. The kind of training and length of the

programs are determined by the employing unit in cooperation with the Student Work Office.

### Student Activities

Student life on campus provides ample opportunity to enable one to acquire a rounded personality. Activities in sports, music, art, and recreation are offered at the Institute. Playing an important role in campus life are technical clubs, student council, and, for those who desire, fraternities.



### Admission

Students desiring complete information concerning admission to the University should read carefully the official admission policy appearing in the Undergraduate Catalog.

For further information write to:

E. J. Simon, Dean  
Division of Technical and Adult Education  
Southern Illinois University  
Carbondale, Illinois 62901

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