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LETTER**EXPECT 8,700 STUDENTS NEXT FALL****24 Per Cent Increase Asked in Operating Budget**

Looking ahead to 1960-61, President Paul V. Sangren says, "We have reached the point where we cannot go further without more classrooms and laboratory space."

"We do not feel that we can accept a much greater responsibility for the education of Michigan's youth than we have already done," he adds.

Dr. Sangren has placed before the governor a request for operating funds for the next fiscal year based on an enrollment of 8,700, because that is the limit of present facilities. Enrollment during the current semester is 8,303.

The total request for current operation is \$6,709,270, a 24 per cent increase over the current allotment of \$5,377,915.

Dr. Sangren is asking for 117 additional persons, including 85 instructors, one librarian, three administrators, 16 maintenance staff and 12 clerical staff.

Besides wages and salaries, significant increases are being asked for the purchase of library books, with \$46,000 allotted this year for educational and recreational purposes, and \$89,767 asked for next year. Even with this requested appropriation, Dr. Sangren points out that support for Western's library is far below the median expenditures of comparable institutions.

A third major increase is in equipment, with \$243,354 being requested. Each year for a number of years the equipment request has been cut back sharply, causing

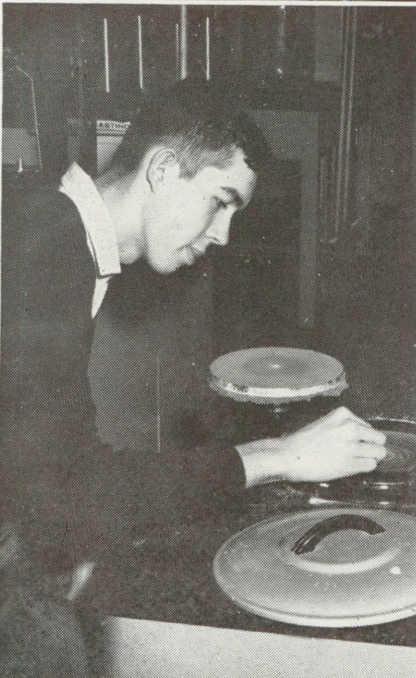
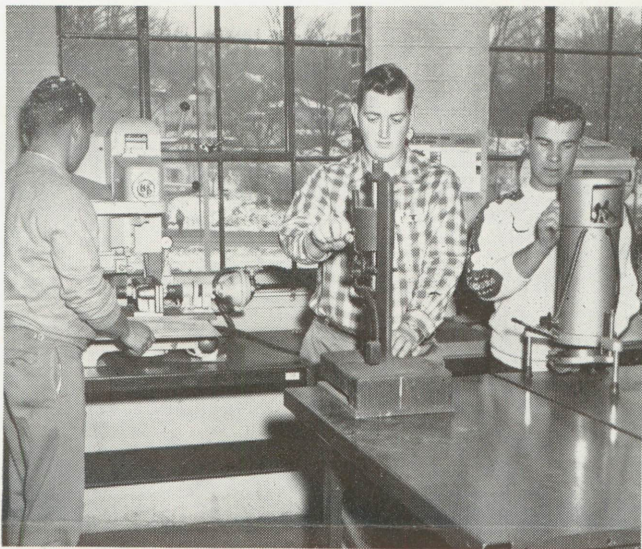
increasing fatigue and stalling needed replacements in many classroom and laboratory situations.

The president has also indicated that greater support is needed for the summer session offerings, which last year saw a new record of 3,231 enrollments.

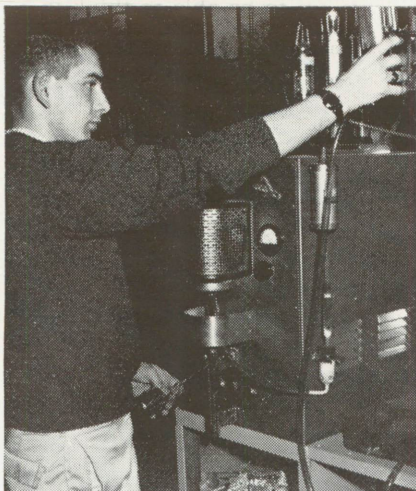
The major budget breakdown is: salaries and wages, \$5,594,479; contractual services, supplies and materials, \$871,437; and equipment, \$243,354. These compare with the current operational allotments of \$4,596,215; \$696,700 and \$85,000.

In commenting on the faculty, President Sangren says: "This constantly rising enrollment, often with insufficient appropriations, has forced the faculty to carry ever heavier loads. Western has recognized its obligations as a state university and has tried to fulfill them. However, for the past several years it has not been possible to add staff commensurate with rising enrollment. Classes have been expanded to absorb existing overflows, seriously affecting the quality of instruction, which may well result in real concern on the part of accrediting agencies toward the quality of our program."

The budget also includes a request for \$3,500 for educational consultants during the next year to begin an extensive and intensive self-study of all aspects of the University's objectives, program, area of service, faculty, student body, direction of growth, etc.



UPPER LEFT—Laboratory techniques for sand testing are studied by William Schilke, Larry Chenoweth and Raymond Reed . . . UPPER RIGHT—Harold Clifpell gains experience in all aspects of foundry work at the Dock Foundry in Three Rivers, as a part of his cooperative training . . . MIDDLE LEFT—Michael Dempsey prepares a micro specimen on a grinding wheel . . . LOWER LEFT—Gary Seitler makes an important carbon determination test.



NEW PROGRAM IN EDUCATION

Foundry Technology Cooperative Venture

Without the foundry American heavy industry would quickly halt its production of many of our wanted items. In fact, the foundry business comprises the fifth largest industry in the nation, with some 5,000 foundries employing more than 350,000 persons.

Foundries are undergoing vast technological changes today, requiring better trained personnel to operate them. At this point Western Michigan University has entered the scene to provide better technicians, conversant with the techniques of casting metals, and ready to accept new responsibilities.

Under a cooperative program running three years, students are trained both in the classroom and on the job, gaining experience in laboratory foundry processes, quality control, design, production planning, research and development, and supervision.

The foundry industry is intensely interested in this program, and leaders come to the campus frequently

to discuss problems concerning the new curriculum. Students are paired in the classroom and on the job, interchanging during the year. The University provides supervision through a coordinator who works with plant officials to assure that students gain functional experiences on the job.

Foundry laboratory equipment on campus has largely been provided by industry. Companies lending active support to the program include Midwest Foundry, Coldwater; Dock's Foundry, Three Rivers; Engineering Castings, Marshall; Albion Malleable Iron Co., Albion, and Auto Specialties Manufacturing Co., St. Joseph.

While on campus students find themselves enrolled in such areas as communication, mathematics, physical science, metallurgy, industrial processes, molding and core making, industrial relations, foundry produc-

(Turn to Page 4)

Educational TV Part of Future, Says President

Educational television in several different roles will be a part of the future at Western Michigan University, says President Paul V. Sangren, in looking towards the next decade of the fast-growing institution.

Under the direction of Drs. L. Dale Faunce, vice president for student services and public relations, and George G. Mallinson, dean of the School of Graduate Studies, a University committee has been working for some time, investigating various aspects of the possible future of TV on the campus.

The committee has reported on several points:

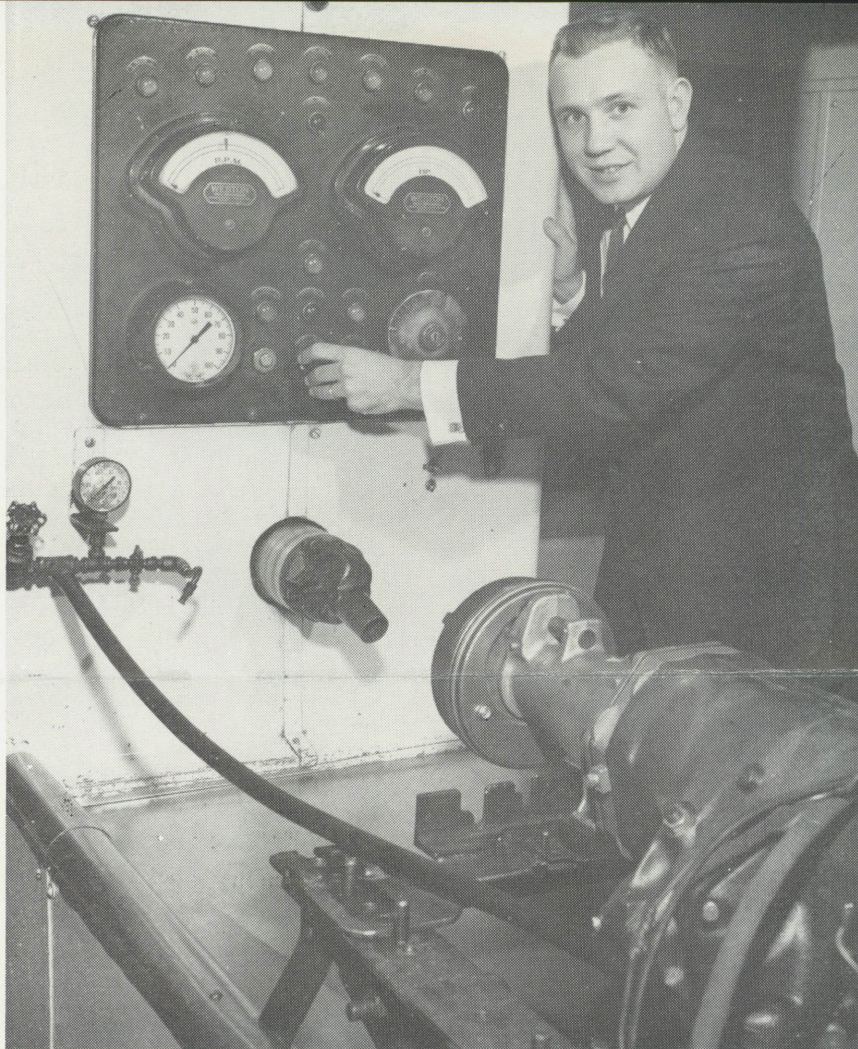
1. Closed circuit TV will be needed to bolster undergraduate teaching, particularly at the freshman level. Too many classes are now operating at room capacity, and too many faculty are needed to teach some of the early required material. In one area alone there are 12 faculty members teaching full schedules of the same subject. As to just how TV can be applied in these critical areas is now being studied.

2. Another area is the development of local enterprise with the schools of the Kalamazoo County area whereby Western Michigan can work out programing for state mandated areas in such fields as health and civics. This might be done by a local UHF network, or other means as new developments permit.

3. Western Michigan will use its facilities to develop a network in Southwestern Michigan with other colleges and school systems. Tied in with other state schools, this will permit a fuller use of facilities and a wider dissemination of special materials.

4. However, in order to serve the general public there is a realization that not many homes now have UHF sets. This may necessitate the finding of a VHF outlet for adult education work.

Discussions are planned with all



The university's automotive engineering students will use a Chrysler Corporation V-8 engine and test stand for laboratory experiments. The equipment, given to the school by the auto company, gets a final check-out before shipment from Peter Lindquist '55, who is now working at the auto company's Engineering Division. Lindquist joined Chrysler Corporation in February, 1958, after serving two years as an instructor at Michigan State University. Included in with the gift were another engine and two hydraulic units.

Reading Survey Stresses Thinking

Reading as a thinking process should be emphasized in training teachers of reading, says Miss Dorothy McGinnis, associate director of the psycho-educational clinic.

Reading for interpretation and evaluation are more important than merely identifying ideas, she infers from a survey of 364 teachers of

reading. These skills are essential if students are to be able to think in a modern society, she says.

There was also evidenced from the survey a greater need for more practice teaching experience and practical work in the teaching of reading while the future teachers are still on the campus.

colleges in the area, and it is hoped by University officials that all colleges in Kalamazoo will be able to cooperate in future TV ventures.

Any arrangements that are made, particularly as to the use of VHF facilities for broadcasting, will have to protect the integrity of the Uni-

versity and its faculty, and will have to aim towards the production of the highest quality programs, including straight education programing, the presentation of controversial materials, and in general contributing to the public well being, University officials conclude.

Seek Partial Construction Funds for Three New Classroom Buildings; and Remodeling

Always one of the most interesting requests made for legislative funds is that under capital outlay heading. Western's current request for 1960-61 totals \$5,448,456 and is similar to the request of a year ago, most of which was lost.

Under special maintenance, the president has requested \$37,760, which includes painting inside and out nine buildings, sidewalk repairs, street resurfacing, asphalt tile for the Campus School and three rooms in the industrial arts building, and the asphalt surfacing of the Campus School playground.

Remodeling and addition requests total \$411,946. They are the remodeling of the Arcadia Brook building for occupational therapy, and the remodeling of former OT quarters in McCracken hall for chemistry; the extension of utilities to the golf course west of Vande Giessen road; changes in west campus steamlines, planning money for the remodeling of the present Natural Science building, and a fence between the practice

field and the physical education building.

The Natural Science building for the west campus takes top priority in the new construction requests. Designed for a total cost of \$3,598,750, two portions are being sought at this time, costing \$2,778,750. This will be located at the north end of the Gateway golf course along West Michigan avenue, and will house biology, mathematics and psychology.

Another major building plan is that for a new education, general classroom and campus school building, proposed at \$3,500,000, and for which funds are sought for one-half the building this year.

Again President Sangren is asking for \$275,000 for the purchase of 105 acres of undeveloped land to the north and west of present property on the west campus.

He is also asking for \$120,000 for planning of a new \$3,000,000 general classroom building and \$35,000 for the construction of ten new tennis courts.

ODK Selects Eleven

Eleven students have been added to the ranks of Omicron Delta Kappa, national men's honor society. They are: Alfred Bauer, Portland; Howard Farris, Benton Harbor; Neil Grossnickle, Kalamazoo; Robert Harris, Battle Creek; John Hefferan, Three Oaks; Richard Jeric, Monroe; David Kollat, Elkhart, Ind.; Kenneth Noble, Lansing; Donald Peebles, Detroit; Jack Ristau, St. Joseph, and James Zimmerman, Blissfield.

February Athletic Events

- 6—Basketball vs. Kent State, 8 p.m.
- 13—Swimming vs. Notre Dame, 2 p.m.
- 13—Basketball vs. Miami, 8 p.m.
- 16—Basketball vs. Washington, 8 p.m.
- 20—Wrestling vs. Miami, 2 p.m.
- 22—Basketball vs. Loyola, 8 p.m.

Foundry Technology

(Continued from Page 2)

tion techniques, drawing, plant maintenance and safety, metallography, and foundry control procedures.

Students are very enthusiastic about the cooperative procedure for learning. They feel that by combining campus study with plant work learning becomes more meaningful and realistic.



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