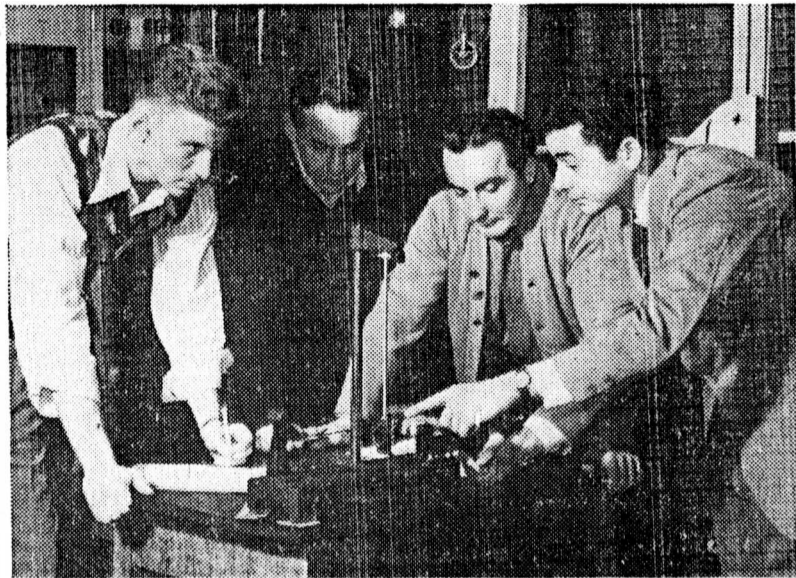


Nine Hundred Students Enrolled in William Rayen School of Engineering; Degrees Cover Large Field

For the first time in the history of Youngstown College, degrees can now be earned by engineering students. At present approximately 900 aspirants are enrolled and working for degrees of bachelor of engineering in the chemical, electrical, industrial, mechanical and metallurgical fields.



—mutschmann photo

Instructor Nick Ross (wearing suit) demonstrates Newton's Third law of motion in a ballistic pendulum experiment. Attentively looking on are Jack Staaf, extreme left, Ted Kosturin and Joe Czap.

Dean of the William Rayen school of engineering is Louis A. Deesz who holds degrees in electrical engineering from the Carnegie institute of technology. Dean Deesz finds the present enrollment a far cry from the four men studying engineering when he came to Youngstown College in 1937.

The Rayen school, which is located one block south of the main building, has been remodeled and equipped at a cost of \$120,000. It accommodates classes in mathematics, physics, and engineering. It is a building which much larger colleges in this area view with envy.

Among the excellent facilities are the mechanical engineering laboratory and the materials testing laboratory located on the main floor. The second story houses electronics and physics laboratories together with two large drafting rooms.

Equipment includes an x-ray machine set up in a lead-lined room. There is also a two-ton York refrigeration machine, a 400,000-pound testing machine, motors, generators, an aircraft engine, and an awesome array of smaller apparatus too numerous to mention.

Twenty-five instructors and five student assistants are employed. Several of these teach part time and hold responsible positions in district industrial plants. They have an impressive aggregate of degrees from some of the leading technical schools in this country. One represents the Military Technical academy of Charlottenburg, Germany.

Although many people of Youngstown College hardly realize the school of engineering exists, the men responsible for its rapid growth are proud of their achievement. They feel sure that future graduates will bring great credit to the school in years to come.