

YOUNGSTOWN STATE
UNIVERSITY

THE RAYEN
COLLEGE of
ENGINEERING &
TECHNOLOGY

Be a part of the

Inner Circles

Standing

16' high, the
sculpture **INNER**

CIRCLES, was designed
to be an inviting sculpture/
pavilion that reflects the field of
engineering in several ways.

Designed to be fabricated by a CAD system, the component arcs suggest a playful red machine. Its supportive frame-work is linear and appears to be slot-jointed, like some engineering structures in the making. Its open-ended, airy sense gives **INNER CIRCLES** a contemporary sense of problem-solving. Its spirit is that of energy and intelligent spontaneity—the core of university endeavor.

An integral part of the sculpture is a curved bench for visitors to relax upon and view the overhead elements. For those who walk beneath it or who view it from the surrounding campus, it evokes a buoyant, energetic spirit. Located at the entrance of Moser Hall, **INNER CIRCLES** warmly welcomes visitors to the Rayen College of Engineering and Technology.

Inner
CIRCLES

DESIGNED by
OHIO ARTIST
DAVID BLACK

Inner
CIRCLES



ENGINEERING & TECHNOLOGY

MOSER HALL *Home of*
**The RAYEN COLLEGE of ENGINEERING
& TECHNOLOGY**

*For more information about the college call the
DEAN'S OFFICE at 330-941-3009
or visit our WEBSITE at www.ysu.edu*



Youngstown State University is committed to a policy of nondiscrimination on the basis of race, color, age, religion, sex, national origin, disability, sexual orientation, or identity as a disabled veteran or veteran of the Vietnam era.

ACCREDITATION. Youngstown State University is fully accredited by the Commission of Institutions of Higher Education of the North Central Association of Colleges and Schools. In addition to this regional accreditation, the Rayen College of Engineering and Technology also boasts accreditation from the national accrediting agency known as ABET (Accreditation Board for Engineering and Technology), the premier accrediting agency for engineering and engineering technology programs internationally. All baccalaureate degrees in engineering and in engineering technology and all associate degrees leading to baccalaureate degrees in engineering technology are accredited by ABET.

MAJORS/PROGRAM. The Rayen College of Engineering and Technology offers degrees in engineering, engineering technology, and technical studies. Individualized curriculum is also available on a limited basis.

The majors/programs offered are:

BACCALAUREATE AND MASTERS DEGREES

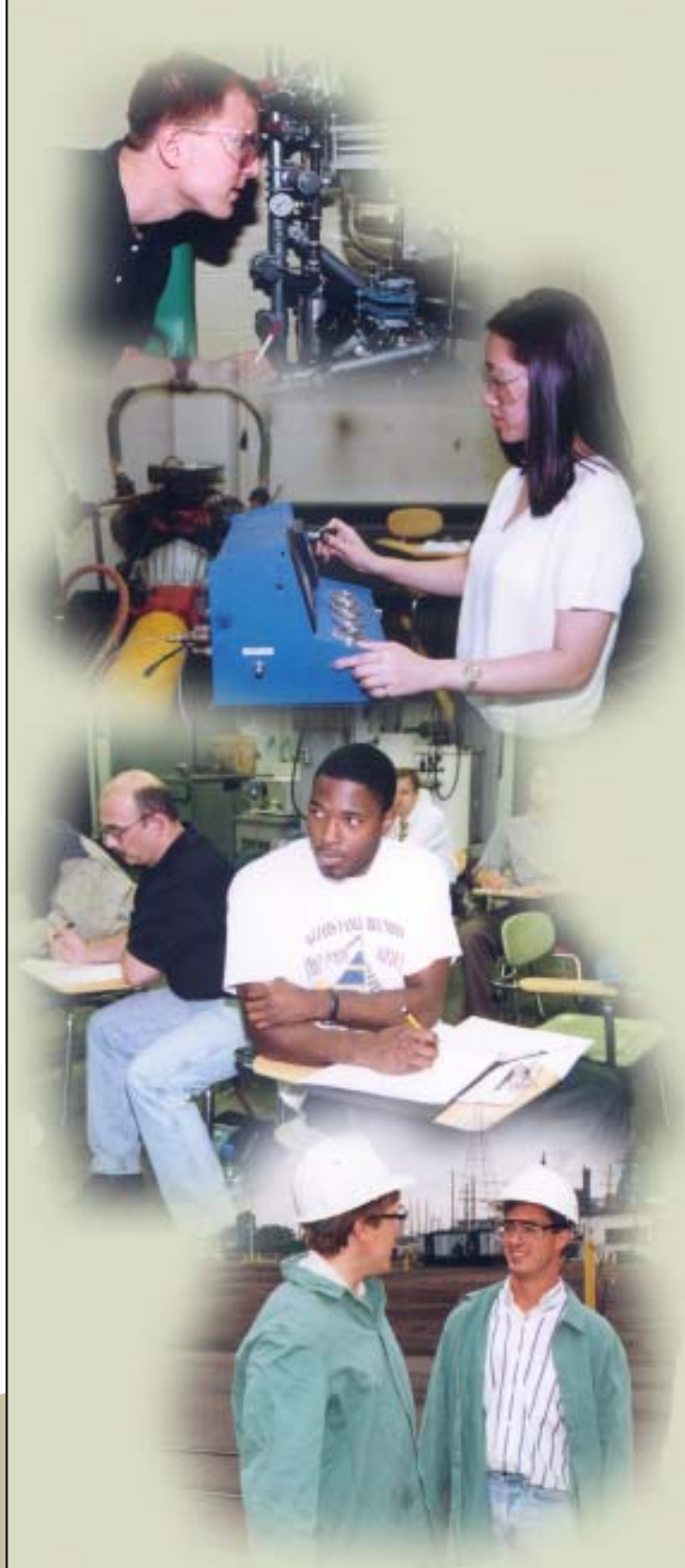
- Chemical Engineering
- Civil Engineering (Environmental option available)
- Electrical Engineering (Computer option available)
- Industrial & Systems Engineering
- Mechanical Engineering

BACCALAUREATE AND ASSOCIATE DEGREES

- Civil & Construction Engineering
Technology
- Electrical Engineering
Technology
- Mechanical Engineering
Technology

ASSOCIATE DEGREES

- Drafting & Design Technology
- Electric Utility Technology
(in conjunction with
FirstEnergy Corporation)
- Electrical Engineering Technology –
2 options (Computer option and
Instrumentation option)



research
degrees
programs

PROFESSIONAL PRACTICE/ RESEARCH OPPORTUNITIES

Opportunities abound for YSU Engineering and Engineering Technology students, from internships and co-ops to working with faculty on grants and research projects. These opportunities link students' academic classroom experiences with real-world work experiences and keep them current with new developments in their fields.

STUDENT ORGANIZATIONS & COMPETITIONS

YSU Engineering and Engineering Technology students learn while having fun by participating in engineering competitions all over the country, such as:

- Midwest Mini Baja
- Walking Machine Decathlon
- Supermileage Vehicle Competition
- Human Powered Machine Competition
- Concrete Canoe Races
- Regional Bridge Building Competition

Students are encouraged to join and become actively involved in one or more of the professional engineering societies. Active membership in these organizations enable them to develop leadership skills, to learn the value of team work, gain increased understanding career options, and to establish contacts with professional engineers and other engineering and engineering technology students from other universities across the region and country.

Here you'll find

**YSU
STUDENTS**

COMPETING with
the **BEST** in
the **country!**



THE WILLIAM RAYEN COLLEGE OF ENGINEERING AND TECHNOLOGY

is committed to furthering the mission of Youngstown State University by providing quality programs in engineering and engineering technology which encompass the mathematical and physical sciences, engineering sciences, social sciences and humanities. Application of these fundamentals prepares students for careers in both engineering and engineering related fields, educates students for living more abundantly, advances technology and supports, as well as challenges, industry and government, both locally and nationally, through research and public service integrated with teaching.

