You Can Make a Difference

The College of Engineering is changing the future. You can, too. The University and the Commonwealth of Pennsylvania are the primary funding sources for the college’s master facilities plan implementation. Philanthropy will play a critical role as well. To learn more and discuss how to engage, please connect with us.

Jennifer Dubuque
Senior Director of Development
alumni@engr.psu.edu | 814.865.0173

You can also follow our progress: engr.psu.edu/master-plan

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. E. O. E. V. D. (2021)
West Campus Expansion

In 2018, Penn State engaged Payette, a Boston-based architecture firm, to develop a master plan and framework to increase the quantity, improve the quality, and optimize the distribution and organization of the College of Engineering’s physical space across two budgetary funding cycles through 2028. Construction of the West 1 and West 2 Buildings, part of a re-envisioned West Campus, are the first components of the plan that will also transform the college’s presence on Central Campus and our impact across the country and around the globe.

• Engaging with local and international communities to identify humanity’s greatest challenges
• Building a more inclusive academic environment in support of a more diverse engineering workforce
• Partnering in new ways across Penn State and with government and industry
• Modernizing our facilities as part of an initiative that will re-lead the University Park campus.

As you descend the Westgate Building ramp, which bridges Atherton Street below and connects the west and west sides of the University Park campus, the new West 1 Building appears directly ahead. It will include:

- 290,000 gross square feet
- 9 active learning, general-purpose classrooms
- 9,800 square feet in support of research

West 1 Building: Fall 2023

As you descend the Westgate Building ramp, which bridges Atherton Street below and connects the west and west sides of the University Park campus, the new West 1 Building appears directly ahead. It will include:

Student support offices

- Center for Engineering Outreach and Inclusion
- Center for Global Engineering Engagement
- Advisory Board

Academic unit offices, research space, and teaching labs

- Aerospace Engineering
- Architectural Engineering
- Acoustics
- Civil and Environmental Engineering

DID YOU KNOW?

The West 1 Building will house an indoor flight facility for students working with unmanned aerial vehicles.

Central Campus Transformation

Beyond West Campus development now underway, phase one of the college’s master facilities plan proposes additional initiatives requiring future Board of Trustees approval that will dramatically reshape the University Park campus adjacent to West College Avenue.

Demolition

- Hammond Building and Bayard D. Kunkle Activities Center
- Engineering Units A, B, and C
- North and south wings of Sackett Building

Revolution of Sackett Building core

Addition of new north wing for Sackett Building

DID YOU KNOW? The college has awarded more than 129,000 degrees since its founding in 1896, and demand for an engineering education from Penn State is high, with nearly 20,000 undergraduate and graduate applications received for the 2021-22 academic year.

Additionally, a second phase of the master facilities plan, self initiatives also requiring Board of Trustees approval, proposes construction of a third engineering research and teaching space on West Campus, new construction on the footprint of the previously demolished Hammond Building, and the addition of a south wing on Sackett Building.
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WE ARE:

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Academic unit offices, research space, and teaching labs
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These are more than buildings; they are opportunities for our faculty and students to impact society in deeply meaningful ways. — JUSTIN SCHWARZT, Harold and Inge Marcus Dean in the College of Engineering

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Also, a second phase of the master facilities plan, with initiatives also requiring Board of Trustees approval, proposes construction of a third engineering college building on West Campus, new construction on the footprint of the previously demolished Hammond Building, and the addition of a south wing on Sackett Building.

Additionally, Penn State’s College of Engineering has grown over our 125-year history into the largest college at Penn State and one of the largest engineering colleges in the nation. With more than 12,000 undergraduate and graduate students, more than 850 faculty and staff, and more than 120,000 alumni around the globe, the engineering community has the power and reach to inspire change and impact tomorrow.

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Demolition
• Hammond Building and Bayard D. Karnick Activities Center
• Engineering Units A, B, and C
• North and south wings of Sackett Building

Renovation of Sackett Building core

Addition of new north wing for Sackett Building

DID YOU KNOW?
An integral part of the West 2 Building will be a module-high bay testing and collaborative facility designed to accommodate large-scale experiments that go beyond the capacity of traditional engineering laboratories.

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“Educating the engineers of tomorrow, deploying groundbreaking research methods to address challenges that span disciplines, connecting and re connecting with alumni and industry partners—activities like these at the core of our identity are supercharged in meaningful ways.”

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290,000 gross square feet

9 active learning, general-purpose classrooms

51,000 square feet in support of research

West 2 Building: Fall 2022

Across the pedestrian path from the new West 1 template, the Earth and Engineering Sciences Building to the north and Leonard Building to the south, sits the new West 2 Building. It will include:

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105,000 gross square feet

2 active learning, general-purpose classrooms

8,200 square feet in support of research

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Meeting the Needs of Society

As a global leader in engineering education and research, the Penn State College of Engineering has grown over our 125-year history into the largest college at Penn State and one of the largest engineering colleges in the nation. With more than 12,000 undergraduates and graduate students, more than 850 faculty and staff, and more than 120,000 alumni around the globe, the engineering community has the power and reach to inspire change and impact tomorrow.

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  • North and south wings of Sackett Building

• Renovation of Sackett Building core

• Addition of new north and south wings for Sackett Building

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290,000 gross square feet

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Educating the engineers of tomorrow, displaying groundbreaking research methods, and addressing challenges that span disciplines, connecting and reenacting with alumni and industry partners—challenges that are central to our identity are supercharged in SPACES PURPOSE-DESIGNED TO SPARK CREATIVITY AND COLLABORATION. These are more than buildings; they are opportunities for our faculty and students to impact society in deeply meaningful ways.

JUSTIN SCHWARZ, Harold and Inge Marcus Dean in the College of Engineering

West 2 Building: Fall 2022

Across the pedestrian green space at the College of Engineering Quad, the two new West 2 Buildings will be a modular high-bay research and technology facility designed to accommodate large-scale experiments that go beyond the capacity of traditional engineering laboratories.

Academic unit offices, research space, and teaching labs
• School of Engineering Design, Technology, and Professional Programs

DID YOU KNOW?

An integral part of the West 2 Building will be the Bernhard M. Gordon Learning Factory—Factory for Advanced Manufacturing Education (FAME) Lab

2 active learning, general-purpose classrooms

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Responding to Westgate

Westgate is a 125-meter pedestrian ramp that connects the west side of the University Park campus to the north side of the Earth and Environmental Sciences Building. The Westgate ramp, which is the first West Campus project to connect the west side of the University Park campus, is a new pedestrian route between the Earth and Engineering Sciences Building.

Westgate, formerly known as the Student Bridge, is being transformed into a new pedestrian route between the Earth and Engineering Sciences Building.

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Renovation of Sackett Building core

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BUILDING
Toward the Future
The Engineering Transformation at University Park

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With the construction of two new teaching and research buildings on West Campus, a new hub of engineering activity is taking shape at University Park; one where students, faculty, alumni, staff, and members of industry can converge and collaborate.