Igniting Imagination
Richard Weeks Hall of Engineering
At the Rutgers School of Engineering, students dream big, imagining a future that places them at the center of discovery and innovation able to meet the challenge to not just make things, but to make things better.

Discovery Starts Here
Richard Weeks Hall of Engineering is designed to bring students, faculty, and industry partners together to pursue new ideas and sustainable solutions in energy, infrastructure, and advanced manufacturing. This open, collaborative space provides a modern learning environment that includes labs, smart classrooms, lecture halls, and touchdown spaces.

Richard Weeks Hall of Engineering is not just a state-of-the-art facility for student learning and research—it now anchors the School of Engineering complex on the Busch campus. This transformative project is part of the university’s Strategic Plan and is the first built as part of a historic, multi-year, multi-campus effort.

Photography: Alain Jaramillo and Robert Benson
① Emil Buehler Aerospace Laboratory A two-story testing space to experiment with drones and aerospace projects, featuring a protected environment and a catwalk for elevated views.

② Research Terrace Outdoor area for test flights.

③ Manufacturing Pilot Laboratory A high-bay lab space, with a second-floor catwalk, dedicated to the assembly, testing, and modification of student prototype projects.

④ Robotics Laboratory Providing work space and infrastructure for research and development, impacting manufacturing, agriculture, elder assistance, home and vehicle automation, and more.

⑤ Concepts Laboratory With moveable worktables and seating, this informal space allows for collaborative team projects.

⑥ Lecture Hall Auditorium-style lecture hall equipped with state-of-the-art digital learning technology accommodates 125 students, while also featuring flexible seating and whiteboards for small group collaboration.
① Robert and Beatrice Salvin Lecture Hall Two-story lecture hall with seating capacity for 300 students.

② Smart Classrooms High-tech classrooms are equipped for project-based learning, central to the school’s first-year engineering curriculum.

③ Student Conference Room/Catwalk
① Urban and Coastal Water System Laboratory: A leading-edge water resources lab for engineering and management of urbanized coastal regions.

② Langan Geo-Environmental Engineering Laboratory: With a focus on finding sustainable solutions for modern environmental and geo-technical challenges.

③ Soil Mechanics Laboratory and Classroom: Instruction and research related to soil dynamics, ground improvement, and soil exploration using seismic methods.
Intelligent Transportation Systems Laboratory Facilitating research on connected and autonomous vehicles, transportation analytics, and drone-based traffic management.

Brian and Stacey Reilly Laboratory for Sustainable Infrastructure Advancing modeling, simulation, and equipment development for infrastructure assessment and rehabilitation.

Advanced Construction Technology and Visualization Laboratory Developing computational methods for building and maintaining a resilient and sustainable built environment.
Thank You to Our Donors

Collaborative Spaces
- Brian and Stacey Reilly Laboratory for Sustainable Infrastructure
- Emil Buehler Aerospace Laboratory
- Langan Geo-Environmental Engineering Laboratory
- Bruce and Phyllis Nicholas Student Conference Room
- Langan Conference Room
- Remo Colarruso Student Alcove
- Joseph M. O’Malley Student Alcove
- Mark Abate Student Alcove
- Kenneth Cormew Student Alcove
- Vibhuti and Rajiv Patel ’89 Student Alcove

Smart Learning
- Robert and Beatrice Salvin Lecture Hall
- Kevin M. Bailey Computer Classroom
- Peter and Peggy Cherasia Computer Classroom

Offices
- Keiko and Gerald Harvey Dean’s Office
- Robert A. Kuchinski Leadership Suite
- Goodkind Family Civil and Environmental Engineering Chair’s Suite
- Civil and Environmental Engineering Office in Honor of Gabriel Padawer, Class of 1962

Thank You to Our Partners

S/L/A/M Collaborative
Architects

Torcon
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Rutgers University Facilities and Capital Planning
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