
Learning Environments Modernization

Overview

This strategic signature initiative accelerates the expansion and development of accessible, smart, and learner-centered environments to support innovative pedagogical practices, foster students' creativity, and enable collaboration. In 2023 the following were accomplished:

- ★ 15 classrooms have been upgraded with new technology, finishes, and furnishings.
- ★ 4 new TERP classrooms were added to our GPC inventory to expand collaborative, student-centered, team-based modes of teaching and learning
- ★ 3 lecture halls have been fully renovated.
- ★ 3 new classrooms have been added to the inventory.
- ★ 57 classrooms have been upgraded with new technology.
- ★ 189 technology feature enhancements have been added to classrooms.
- ★ 3 new student lounge/informal learning spaces have been created in key academic buildings with high classroom densities.
- ★ A total of 3.5 million dollars were invested in this initiative in 2023.
- ★ 2 new outdoor learning spaces were created adjacent to high-use classroom spaces.

2023 Scope of Work

CLASSROOMS RENOVATED DURING 2023

Jimenez Hall (12)

Martin Hall- 1102 + 1110

J.M. Patterson- 1109 + 1202

Microbiology Lecture Hall 1207

Physics Lecture Halls 1410 + 1412

Toll Physics (2)

*New classrooms: Taliaferro 0103 + 0110, and Woods Hall 1102

CLASSROOM TECHNOLOGY UPGRADES

AV system replacement - (57) classrooms

AV feature enhancements - (189) enhancements

Classrooms with standard programming - (254+) classrooms

NEW TERP CLASSROOMS

Tawes 1106, 24 seat Eye2Eye

Tawes 1107, 36 seat Eye2Eye

Hornbake 0115, 42 seat Eye2Eye

Cambridge Community Center 1200, 40 Seat Eye2Eye

INFORMAL LEARNING ENVIRONMENTS

John Toll Physics, Wing 4 lobby/lounge

Microbiology ground floor lounge

Woods Hall, First-floor student lounge

Campus Impact

Overall, the improvements to general-purpose classrooms (GPC) have expanded opportunities for instructors and students for active and highly engaging learning.

- 55,832** students-seats benefited from the projects
- 1,108** instructors have been directly impacted by these improvements
- 75** student seats were added to the GPC campus inventory

Approach



**Note: excludes 31 math classrooms*

Technology Upgrades

General Purpose Classroom AV systems continue to be upgraded at a rapid pace to remove outdated analog AV systems from inventory. Additionally, standardized AV programming and AV monitoring tools are being deployed across campus resulting in optimized classroom technology reliability and proactive AV system maintenance. Additionally, the classroom AV control panel user interface is being redesigned to improve customization and usability. The Classroom Support team aims to launch the new user interface in 2024.

Service Enhancements

The Classroom Support service was remodeled resulting in an increased level of faculty satisfaction and unprecedented response times. One field kiosk (total of five kiosks) and additional Tier 2 full time staff were added to ensure staff are more closely aligned with current classroom locations across campus. Tier 1 and Tier 2 teams were realigned to ensure instructors more efficiently receive Tier 2 support and to ensure student staff have increased opportunities to master job knowledge. The cumulation of technology upgrades, proactive AV system maintenance, and the above service enhancements have resulted in classroom response times averaging under 5 minutes, decreased class disruption due to tech failures, and an overall higher quality learning experience for the campus community.

Investment

A total of 3.5 million dollars were invested in:

- Facilities + Furniture \$1,490,000
- Technology Upgrades \$2,019,000

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