

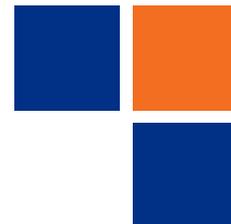
LABS AND LEARNING SPACES

— 2017



**TEACHING AND LEARNING SERVICES
SUPPORT FOR PHYSICAL AND
VIRTUAL CLASSROOMS**

The University of Florida is transforming campus learning environments to support emerging active learning and flipped classroom pedagogies. By enabling the evidence-based alignment of teaching and learning methods, UFIT is meeting the learning outcome expectations of faculty and the 21st century student.



Technologies in the Classrooms

UF's classrooms have innovative technologies integrated into the space, including wireless high-definition video and networking, electronic pen annotation, classroom response system support, lecture capture, videoconferencing, and software available through UFApps for Faculty.

Classroom technology tutorials are available online. Instructors can also request a one-on-one appointment to learn how to use room equipment. For more information visit:

<https://classrooms.at.ufl.edu>.

New Active Learning Classrooms for 2016-2017

UFIT is helping to redesign classrooms to accommodate active learning pedagogies across campus. The Testing & Active Learning (TAL) Center, located in Computer Science and Engineering E231, is an exciting new facility accommodating up to 126 for both computer-based testing and active learning classes. The TAL Center features sub-dividable space with 14 round tables, each seating nine students in groups of three. All tables feature laptop ports and a computer for each student. Each table also has its own large-screen display that can be delegated to student control by the instructor.

Additional classrooms located in Larsen, Norman, Turlington, and Weimer Halls incorporate multiple displays and flexible furniture designed to accommodate a variety of active learning pedagogies. For more information visit: <https://classrooms.at.ufl.edu>.

The Active Learning Initiative

UF recently launched a faculty learning community to share ideas and strategies for effective use of active and flipped classroom pedagogies. In-person and online discussions advance the state of the art in collaborative and case-based instructional methods, and problem-based and project-based learning. Links to current research, practitioner strategies, and best practices are provided on the <http://teach.ufl.edu> website, and also discussed at regular cohort meetings.



The Flipped Classroom at UF

“Flipped classroom” pedagogies reverse conventional teaching methods. Traditionally, students come to class to hear a lecture and then complete assignments independently outside of class time. In a flipped classroom, students view lectures online and come to class to engage with instructors and collaborate with peers.

A comprehensive strategy to enable flipped classrooms at UF includes the 24/7 Mediasite rich media streaming platform and classrooms designed for flexibility. Mediasite allows faculty to record multimedia presentations from a classroom or lecture hall, studio, or even a home/office PC, and post streaming media content directly to a course’s Canvas site. Reconfigured classrooms wrapped with dry-erase whiteboards, Wi-Fi, and flexible furniture complete the support for the flipped classroom, facilitating efforts to move a single lesson or an entire semester-long class to a “flipped” model.

Informal Learning Environments for Study and Collaboration

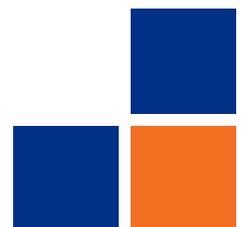
Informal learning spaces supported by UFIT, where students learn outside the classroom both individually and collaboratively, are being expanded all over campus. Libraries, traditional computer labs, group-study rooms, conference rooms, lobbies, hallways, and even outdoor spaces are being transformed with better furniture and lighting, power outlets, and Wi-Fi to charge and use mobile technology; and large screen displays are being installed where students can work together outside the classroom.

A/V System Design & Installations for UF Units

UFIT’s A/V Design and Installation Services team is responsible for the design and integration of more than 150 custom audiovisual systems across UF. Services ranging from single projector purchases for conference rooms to complex control system programming for entire buildings are available. The team works with building managers, project managers, contractors, and local experts to ensure each new UF project is a success. For more information, visit <http://av-installations.at.ufl.edu>

The 24/7 Virtual Computer Lab: UFApps

UFApps is now available for faculty as well as students. UFApps for Faculty provides the same 90+ applications as UFApps for Students, including AutoCAD, ArcGIS, Minitab, MatLab, SAS, and SPSS. With UFApps, faculty have access to university-licensed software using any device, at any time, from anywhere in the world they have an internet connection. It is important to note that statistical applications in UFApps are optimized for use with homework-sized data sets. View the full list of software applications available on the UFApps website: <http://info.apps.ufl.edu/>.





LABS & LEARNING SPACES CONTACT INFORMATION

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