<u>Day 21</u>: **Did you know about the resources available for effective teaching and learning?**

[3.D.4] Teaching and learning infrastructure and resources for effective teaching and learning.

Over the last decade, CMU has continually improved its instructional and academic spaces (see Section 5.A.1) with new construction and renovation projects. Since FY 2009-10, CMU's total building square footage has more than doubled. The result is a modern campus with new facilities and technology featuring digital classrooms and expanded laboratory, research, and clinical teaching spaces. Furthermore, the number of web-based applications and electronic resources has increased. Most recently, CMU has implemented lecture capture, e-portfolio, and medical simulation capture applications. Faculty and technology staff guide instructional technology decisions through the Academic Technology Advisory Council.

Recent increases in technology services in support of teaching and learning have been substantial. The number of technology-enhanced ("smart") classrooms has grown from 164 to 207. Currently there are 1,305 computer stations available to students in 71 computer labs, an increase from 961 computers and 61 labs, with 222 desktop applications for academic programs being deployed University-wide. Instructional classrooms, computer classrooms, laboratories, and collaborative meeting spaces are being equipped with the latest digital, high-definition presentation systems and refreshed as part of the University's Technology Sustainability Plan (see Section 5.A.1). The number of smart classrooms increased by 26% over the same period.

Academic departments make software purchases and upgrade decisions based on program requirements which are then centrally deployed by Information Technology. Curriculum software installed on instructor office, classroom, and computer lab computers is updated at least annually. Student and instructors can find support for online and desktop applications through the University's IT Help Desk, instructional designers, workshops, and training sessions.

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