Empowering Pharmacy Education: Leveraging Technology and Infrastructure to Advance Faculty, Staff and Student Success

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Objective

To explore how integrating technology and infrastructure within a college of pharmacy enhances student, faculty, and staff success and efficiency.

Informational Technology

At the University of Illinois Chicago, faculty and staff have tremendous technology and infrastructure support to complete the educational, research and clinical mission of the College. Whenever new improvements are made or products are considered, faculty, staff and students are at the forefront of the decision-making process with oversight by the College wide IT Committee.

The IT Unit operates under a dual campus model, with internal support on the Chicago and Rockford campuses. A student to staff career pipeline is used for recruitment and employment efforts in the IT unit. In addition, the College invests in training opportunities and conferences to enhance expertise within the unit. Innovative integration of technology and infrastructure is led by our IT, administrative, and instructional design teams. They are supported by college investment in their learning and by inclusion in college decision making processes ensuring 99.5% classroom uptime over the past 10 years.

Educational Technology and Facilities

Faculty embrace numerous educational

technology platforms and concepts and learn about these offerings through the TALK (Teach, Assess, Learn, Know) Center, the TALK Academy and TALK Tips. Committees are formed to improve small group facilitation and to gather input from faculty, staff, and students on IT and educational technology priorities.

Facility enhancements support team-based learning, clinical services, and research endeavors. Inclusive decision-making results in renovated spaces that foster collaboration and innovation for students, staff, and faculty.

TALKACACACACY TALK Tips Periodic publications emailed to all faculty. Examples: • Improve your test questions with Examport item Analysis • Blackboard Tops

- Blackboard
 Panopto
 Gradescope
 - Google Suite

Faculty Panels

strategies, Examples

ExamSoft

Gradescope

Doc cameras

VoiceThread

Polling

Panel of 3 faculty share their innovative

incorporation of ed tech and learning

TBL and related tech

Orientation

- Including:
 - New students ed tech training
 New students asynchronous

everage AI to lighten you

Podium best practices for

eaching burden

distance learning

- modules in LMS
- New faculty ed tech introduction
- New faculty active learning and
- pedagogy support
 New TAs ed tech introduction
- New IAs editech Introdu







Tableau and Assessment

Tableau dashboards aid in curricular and programmatic assessment. These tools offer opportunities for benchmarking at local and national levels and delivering transparency, knowledge sharing and strategic decision making amongst faculty, students and staff.

Dick os an objective to learn more Objective	Launch Date	ACPE Standards If applicable	Completer	Completion d Date
Objective 1.1.1. Create a faculty academy for developing and promoting best practices of teaching.	AY 19-20	19	Yes	AY 22-23
Disjective 1.1.2. Implement a process that will require that course coordinators contribute to the scaffolding of the curriculum map, and show that with students.	AY 19-20	10	Yes	AY 21-22
Objective 1.1.3. Develop an inventory of current co-curricular activities and evaluate additional needs.	AY 18-19	3,4,12	No	AY 18-19
Objective 1.1.4. Design and implement integrofessional didactic, experiential and co-curriculum learning experiences on both camputes.	AY 20-21	11	Yes	AY 21-22
Objective 1.1.5. Evaluate the current inventory of electives offered to students and make additions or changes to the offerings that will impact student success on both campuses.	AY 20-21	10	Yes.	AY 21-22
Objective 1.2.1 Identity, implement, and evaluate opportunities and programs for college-wide promotion of student advising, mentoring, and engagement by faculty.	AY 18-19	14	No	AY 20-21
Objective 12.2. Create a standardized process for advisors and peer advisors that outlines student mentoring goals and feedback which includes deadlines and criteria for evaluation and feedback.	AY 18-19	14	Ni	AY 18-19
Objective 1.2.3. Complete an assessment of the mentaring program for graduate students and post-graduate trainees.	AY 18-19	NIA	Yes	AY 22-23
Objective 1.3.1. Assess opportunities to enhance direct interaction between faculty and students on both campuses.	AY 19-20	15	No	AY 19-20
Objective 1.3.2. Conduct professionally monitored focus groups with students on both campuses to determine potential solutions to the issue.	AY 19-20	15	Yes	AY 20-21
Objective 1.3.3. Based on the information gained from the focus group put together a task force to implement solutions.	AY 20-21	15	Yet	AY 21-22
Objective 1.4.1. Evaluate current facility plans and utilize student focus groups on both campuses on an ongoing basis.	AY 19-20	21	Yes	AV 22-23



Conclusion

In conclusion, the strategic integration of technology and infrastructure within the College enhances education, research, and administrative functions, contributing to faculty, staff and student success and advancing the profession.