

Lessons to be Shared Between K-12 and HED Leadership

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Introductions



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Session Roadmap

Today's Discussion Topics

- Introductions
- What is EDUCAUSE?
- Topic #1 - Generative AI
- Topic #2 - Security and Privacy
- Topic #3 - Learning Modalities
- Q&A and Closing

Today's Goal

To help institutional technology and IT leaders understand and support students' needs as they prepare for their future.



What is EDUCAUSE?



EDUCAUSE

EDUCAUSE helps you elevate the impact of IT.

EDUCAUSE is a nonprofit association whose mission is to lead the way, advancing the strategic use of technology and data to further the promise of higher education. We connect and empower our member community through insights, advocacy, resources, and learning opportunities to anticipate trends and strengthen professional practice.



What is EDUCAUSE?

100,000+

Individual Members

20+

Years in Operation

2,100+

Member Organizations



Stay up-to-date on trends and make informed decisions.

Through our cutting-edge research, toolkits, publications, and analytics services, you can leverage the expertise shared to keep ahead of the curve on your campus and access data that helps you communicate the value of IT. **Explore our library.**



Topic #1 - Generative AI

We need to help our students get more comfortable with generative AI as a feature of their educational experiences and as a skill or competency for the future.

Topic #1 - Generative AI

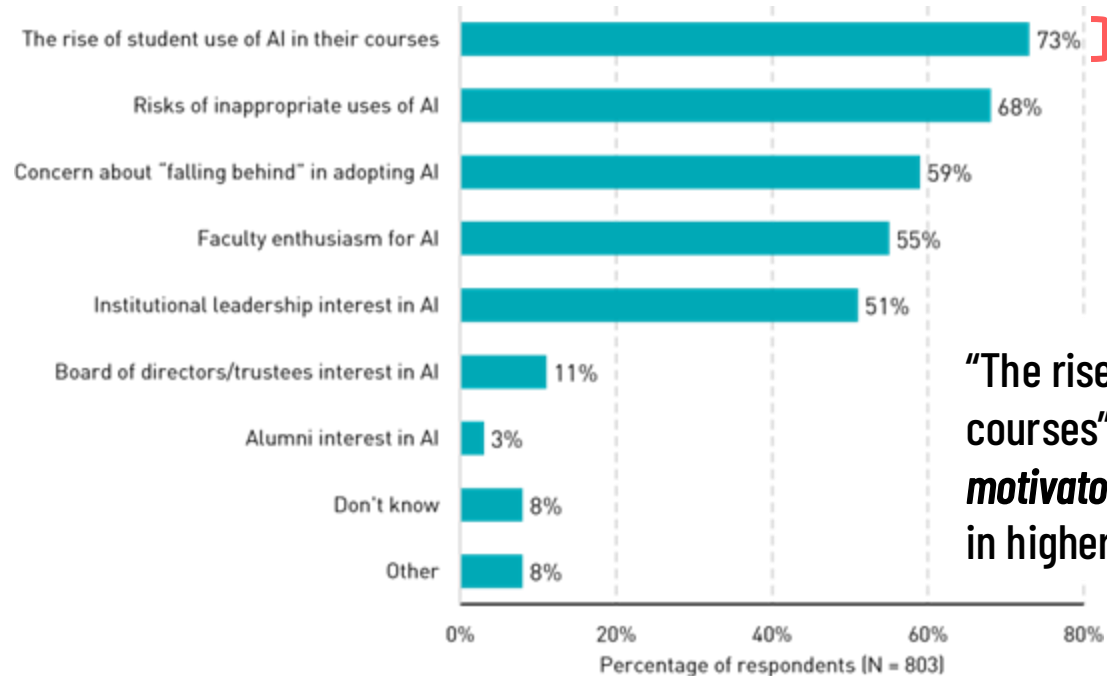


A majority of respondents (73%) indicated that some or most units at their institution are working on AI-related strategy.



Topic #1 - Generative AI

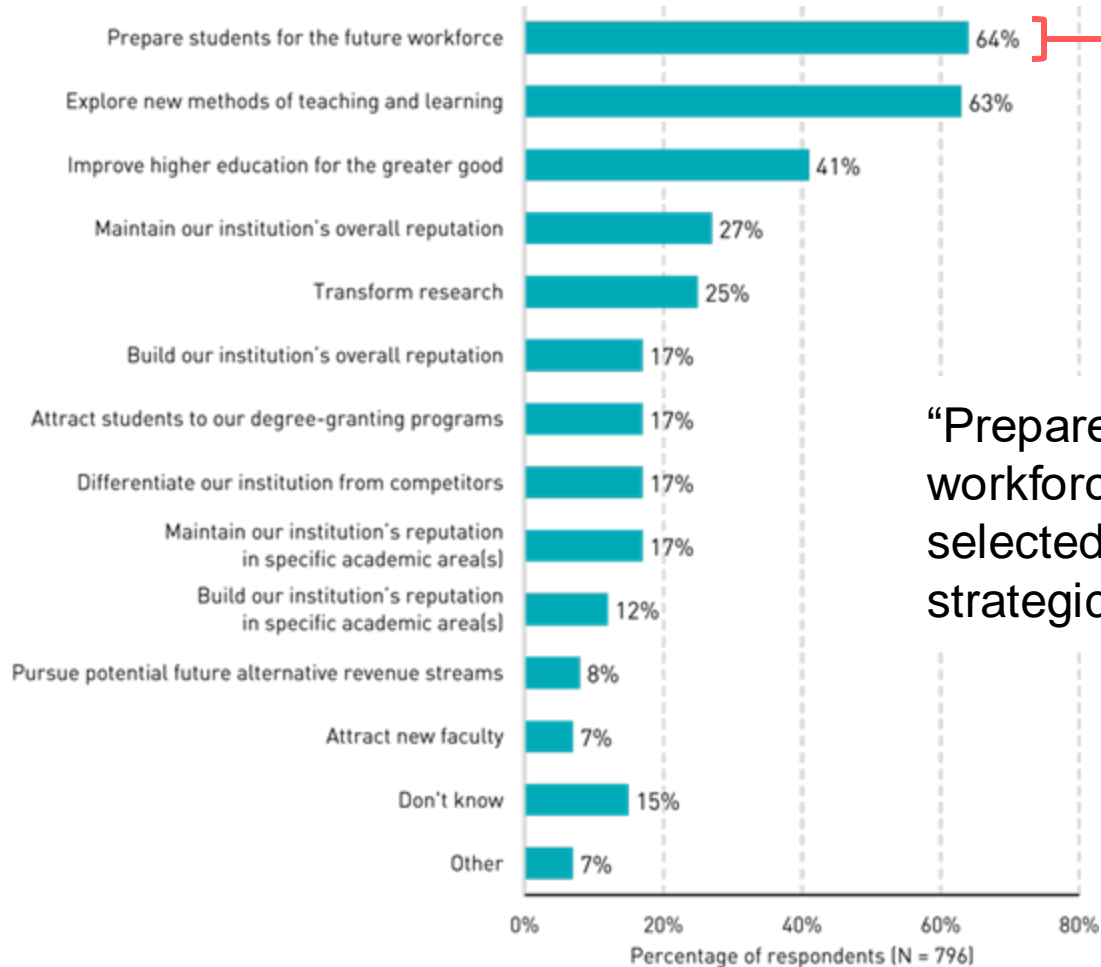
Primary motivators for AI-related strategic planning



“The rise of student use of AI in their courses” was the most commonly selected *motivator* for AI-related strategic planning in higher ed



Primary goals of AI-related strategic planning



“Prepare students for the future workforce” was the most commonly selected **goal** for AI-related strategic planning in higher ed



"AI knowledge and use will be skills our students will need. We view this as an expansion of our digital literacy commitment to our students."



Topic #1 - Generative AI

2024 EDUCAUSE Horizon Report® Teaching and Learning Edition

Supporting AI Fluency was selected by a panel of experts as one of six “key technologies and practices” that will be shaping the future of higher ed teaching and learning.



Topic #1 - Generative AI

2024 EDUCAUSE Horizon Report® Teaching and Learning Edition

“Student AI fluency will be critical for workforce development. These skills need to be embedded in discipline-specific courses as well as general education courses.”





Discussion

Generative AI

- What responsibilities do institutions have to help prepare students for AI fluency and ethical use in their education?
- What can your institution start to do now to begin supporting these responsibilities?



Generative AI

Resources

- MIT AI Risk Repository
 - <https://airisk.mit.edu/>
- UNESCO AI competency frameworks for students and teachers
 - <https://www.unesco.org/en/articles/what-you-need-know-about-unescos-new-ai-competency-frameworks-students-and-teachers?hub=83250>
- AI Preparedness Checklist
 - <https://www.1edtech.org/resource/ai-checklist>
- TrustEd Apps Generative AI Data Rubric
 - <https://www.1edtech.org/standards/ai-rubric>

Topic #2 - Security & Privacy

We need to train and equip our students for being safe and responsible stakeholders in the institution's technology ecosystem.

Topic #2 - Security & Privacy

2024 EDUCAUSE Top 10: Institutional Resilience



“Cybersecurity as a core competency” was selected by higher ed technology leaders as the #1 issue driving their strategy for the coming year.



Topic #2 - Security & Privacy

2024 EDUCAUSE Top 10: Institutional Resilience



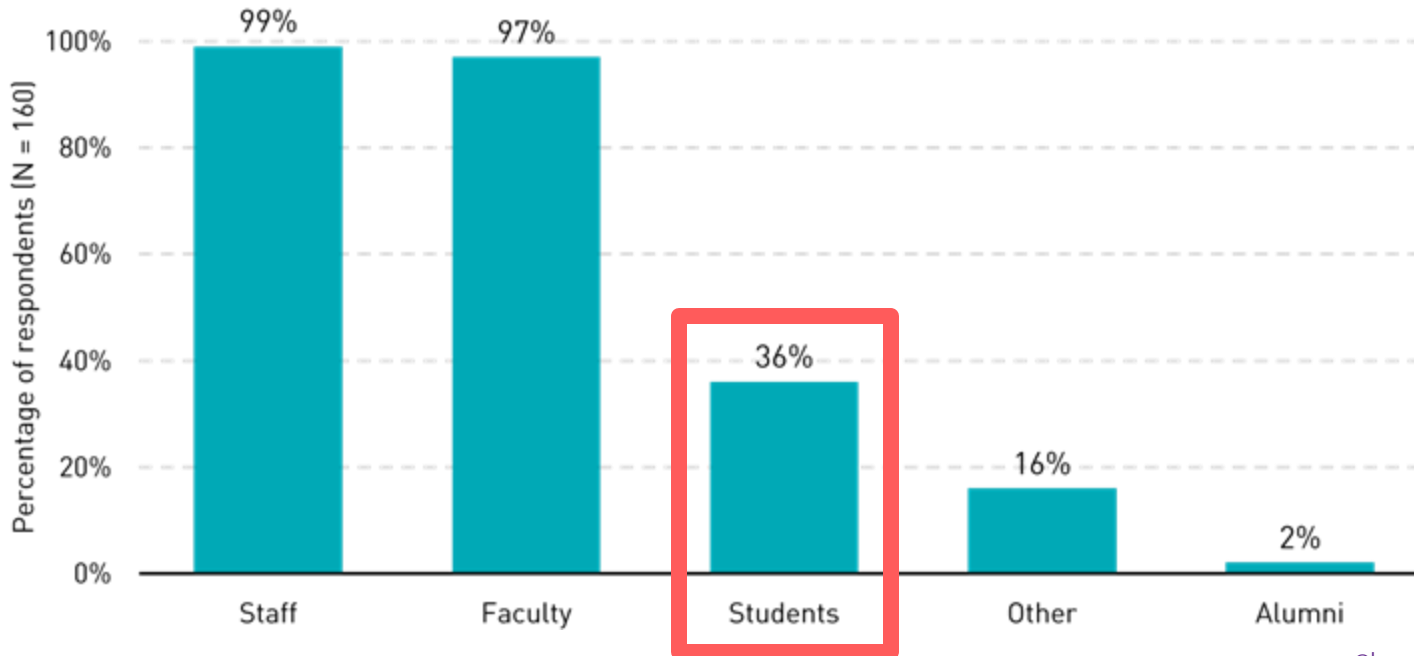
“Investing in training can help students and staff improve their digital skills while also learning how to better protect data, devices, their identities, and the institution.”



EDUCAUSE QuickPoll Results: Growing Needs and Opportunities for Security Awareness Training

Sean Burns, Jenay Robert and Nicole Muscanell | October 30, 2023

Which audiences does your institution run security awareness programs for?



Topic #2 - Security & Privacy

2021 EDUCAUSE Horizon Report® Information Security Edition

“Institutions can create campus-based information security awareness campaigns to help students keep abreast of current efforts to improve security, protect data privacy, and identify potential threats ... Begin these efforts with students as soon as they arrive on campus.”



Discussion

Security & Privacy

- What responsibilities do institutions have to help prepare students for security and privacy in their education?
- What can your institution start to do now to begin supporting these responsibilities?



Security & Privacy

Resources

- National Cybersecurity Alliance
 - <https://staysafeonline.org/>
- TrustEd Apps Data Privacy
 - <https://www.1edtech.org/standards/data-privacy>
- TrustEd Apps Security Practices Rubric
 - <https://www.1edtech.org/standards/security-practices-rubric>

Topic #3 - Learning Modalities

Students are going to increasingly expect flexibility and choice in how they engage in education.

Topic #3 - Learning Modalities

2024 EDUCAUSE Horizon Report® Teaching and Learning Edition

One of the trends identified as shaping the future of higher education teaching & learning - Students are increasingly demanding access to learning anytime, anywhere.



Topic #3 - Learning Modalities

2024 EDUCAUSE Horizon Report® Teaching and Learning Edition

“Students are increasingly interested in having access to multiple modes for learning and more choice when it comes to deciding how to participate. Interest is also growing in self-paced learning and microlearning (learning content that targets specific skills and is presented in a bite-sized format).”



Topic #3 - Learning Modalities

2024 EDUCAUSE Horizon Report® Teaching and Learning Edition

Supporting mental health was selected by a panel of experts as one of six “key technologies and practices” that will shape the future of higher ed teaching and learning.



Topic #3 - Learning Modalities

2024 EDUCAUSE Horizon Report® Teaching and Learning Edition

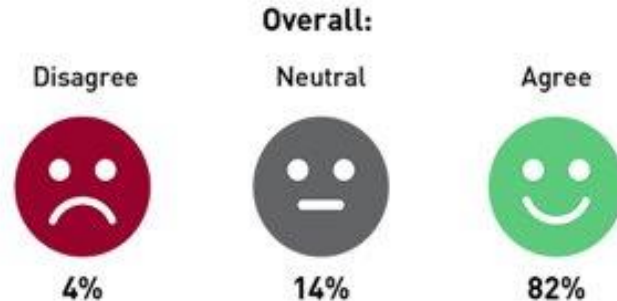
“Flexibility can be built into courses and institutional policies to support mental health. Flexibility in the pace of courses, learning modalities, and due dates can help students juggle all of their responsibilities and support their mental health.”



Topic #3 - Learning Modalities



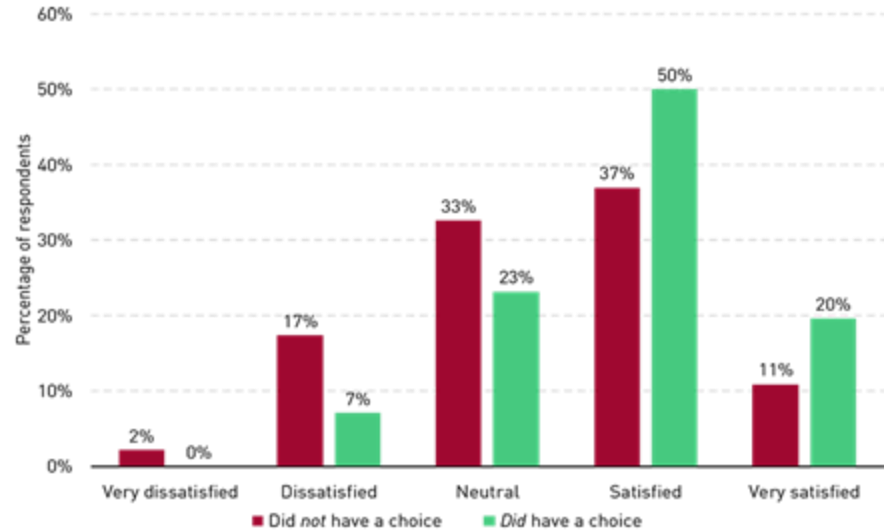
Every student should be able to participate in course activities in whatever ways work best for them.



Topic #3 - Learning Modalities



Hybrid course satisfaction, by “modality choice”





Discussion

Learning Modalities

- What responsibilities do institutions have to help prepare students for hybrid experiences in their education?
- What can your institution start to do now to begin supporting these responsibilities?



Learning Modalities

Resources

- 7 Things You Should Know About the HyFlex Course Model
 - <https://library.educause.edu/resources/2020/7/7-things-you-should-know-about-the-hyflex-course-model>
- Survey Results of Institutional Digital Learning Definitions
 - <https://wcet.wiche.edu/resources/context-matters-survey-results-of-institutional-digital-learning-definitions/>
- The Changing Landscape of Online Education (CHLOE) Project
 - <https://www.qualitymatters.org/qa-resources/resource-center/articles-resources/CHLOE-project>

Thank you!

Questions & Discussion



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