

CAO Workshop: Riding the AI Wave

Notes/Resources to Share

I. AI on our Campuses

Take meeting minutes

Design your own major

Write course descriptions

Tech literacy in coursework. "Computing Mindset"

Machine learning-driven predictive modeling

Blackboard AI for course design and accessibility tools

First year retention analysis

Virtual interview for interview practice

Khan Academy video: https://youtu.be/hJP5GqnTrNo?si=Bocn_NLHXBwDzfMO – very convincing for the skeptical faculty

II. Success Stories

Using machine learning to create autonomous chemistry labs

Course schedule optimization

Scheduling of workers using their course schedule data plus parameters for staffing

Marketing course– using ai for brainstorming, then students create and prefer their own creations after

Curriculum revision– what skills and outcomes will be replaced by ai and what likely will not be

III. Potential of AI

Development of Information Literacy skills for students

Presenter recommends a couple of courses for faculty/admins on using ai. Vanderbilt U

IV. Empowering Students

Individualised learning for students- tutoring.

Khanmigo, Hyperwrite's AI Tutor are free tutoring tools. MagicSchool

V. AI Literacy

VI. Using AI as a Chief Academic Officer

VI. Additional Resources

Human-centered AI education:

<https://ospi.k12.wa.us/sites/default/files/2024-06/comprehensive-ai-guidance.pdf> (contains SHIFT framework—Start with curiosity, Hone in on details, Identify Context, Frame from new perspective, Talk about what’s missing)

AI Prompt Library: <https://www.moreusefulthings.com/prompts>

VII. Starting Prompt: Develop a plan to encourage the use of AI on campus