



Excitement and Concern: Faculty Perspectives on AI in Education

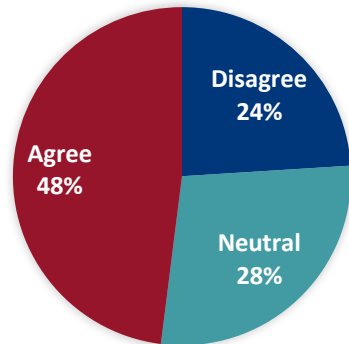
Most educators report insufficient AI guidance from their institutions, and formal training remains scarce among faculty.

The introduction of generative AI in recent years has profoundly impacted various aspects of society, including education. This brief explores how educators navigate this new landscape, drawing on responses from the 2024 ACUE Member Survey. It summarizes faculty views, feelings, and uses of generative AI technologies in the context of higher education, highlighting mixed opinions, levels of understanding, and concerns about AI's implications.

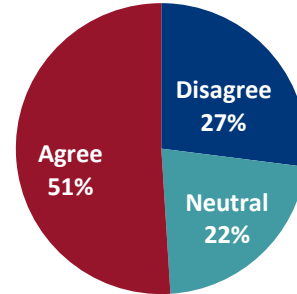
Key Findings

- **Mixed Feelings About AI in Education:**
 - **48% are excited** about leveraging AI like ChatGPT in their courses, while simultaneously **51% are alarmed** about the future of higher education in a generative AI environment.
 - Excitement is up from the 2023 survey when only 35% were excited about leveraging AI in their courses, while rates of faculty feeling alarmed are unchanged.
 - **35% feel comfortable** incorporating AI into teaching, but **37% do not feel comfortable** doing so.
 - **27% have had a positive experience** incorporating AI in their courses.

Excited about leveraging AI in courses



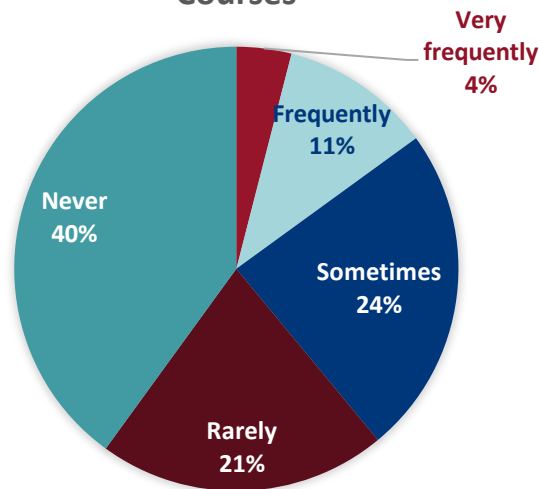
Alarmed about the future of higher education in AI environment



- **Frequency of AI Use:**

- **15% use AI frequently or very frequently** in their course efforts, while **40% never use AI.**

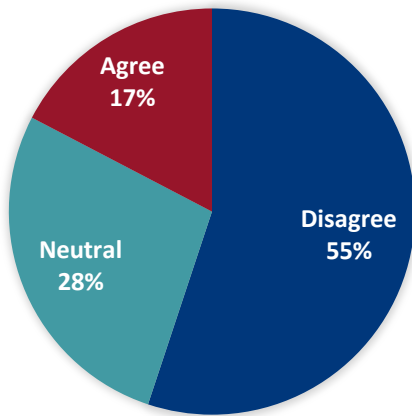
How Often Educators Use AI in Their Courses



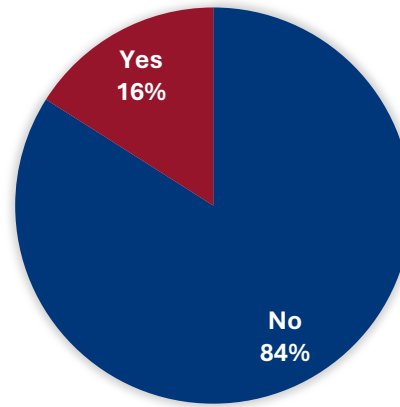
- **Confidence and Understanding:**

- Only **38% feel confident** in their understanding of generative AI technologies.
- **Only 17% have received sufficient guidance from their institution** about expectations for the use of AI in their instruction
- **Only 16% have received formal training** in implementing AI in their courses.

Received sufficient guidance on AI from institution



Received formal training in implementing AI



- **Ethical Considerations:**
 - **83% believe** it's their duty to discuss AI ethics with students, but **only 49% feel confident to do so.**
- **Impact on Employment:**
 - **28% worry** that AI may lead to job displacement or decline in educational employment, but **53% do not feel personally threatened** by AI's impact on their careers.

Methodology

At the end of each academic year, an annual survey is sent to all ACUE course completers and active course-takers in ACUE courses scheduled to close soon. The survey requests feedback on their course experience, the practices they learned, and the resources ACUE offers. The 2024 survey included an additional 18 items about course-takers' knowledge and use of generative AI in the educational context. The results presented above are based on 1,027 responses to the 2024 survey sent in May to all course completers and active course-takers in comprehensive courses scheduled to end by June 30. The 2023 survey included two of the same items on reactions to AI, with 2,412 responding to those items.