



# AI TECHNOLOGY WHITE PAPER

## HOW PRAXIS-AI IS TRANSFORMING HIGHER EDUCATION

*Empowering Universities with AI-Driven Digital Twins for  
Enhanced Student Success and Institutional Excellence*

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# HOW PRAXIS-AI IS TRANSFORMING HIGHER EDUCATION

In today's rapidly evolving educational landscape, senior university leaders face an urgent question: **How can higher education remain relevant in a world increasingly shaped by artificial intelligence?** At PRAXIS-AI, we believe the answer lies not just in adopting technology but in **redefining the role of educational institutions for an AI-driven world.**

## A New Chapter for Higher Education

Imagine a university where every student receives personalized guidance 24/7, where faculty focus on high-impact teaching and research, and where data-driven insights drive every strategic decision. PRAXIS-AI is making this vision a reality. Through our innovative middleware platform, we're not merely enhancing education—we're transforming it.

In partnership with universities nationwide, we're seeing impressive results:

### STUDENT & FACULTY USAGE

**4X  
GROWTH**

over the past three months

### STUDENT ENGAGEMENT

**400%  
INCREASE**

compared to traditional chatbots

### STUDENT INTERACTION

**65%  
SUSTAINED  
ENGAGEMENT  
RATE**

significant leap from the typical  
14% with generic AI solutions

### MONTHLY USAGE

**400M+  
TOKENS  
DELIVERED**

supporting real-time, tailored  
interactions at scale

These outcomes are more than statistics; they reflect the measurable impact of **PRAXIS-AI** across student engagement, academic success, and retention. By enabling personalized interactions through digital twins, we empower institutions to become true hubs of lifelong learning, making their value to students even clearer and more impactful.

## The Digital Twin Difference: Personalized, Around-the-Clock Support

Digital twins are at the heart of PRAXIS-AI's approach. Think of a digital twin as a virtual guide that encapsulates the expertise of faculty, advisors, and support staff—available anytime students need assistance. In PRAXIS-powered courses, 70% of student queries are handled by digital twins, allowing faculty to dedicate more time to students who need personalized support. This shift has been instrumental in improving satisfaction, engagement, and faculty efficiency.

## Our digital twins go beyond automated responses; they are agents of transformation:

- Top professors can provide a more personalized learning experience, delivering insights and support that resonate with students.
- Researchers benefit from digital twins that help accelerate discoveries, providing quick access to tailored, in-depth knowledge.
- Admissions advisors can create personalized experiences for prospective students, fostering a trusted connection that builds commitment.
- Support services operate around the clock, delivering expert guidance exactly when students need it most, improving satisfaction rates.

In real-world outcomes, PRAXIS-AI's digital twins demonstrate measurable value:

**45% INCREASE**

**STUDENT SATISFACTION SCORES**

showing the platform's positive impact on the student experience

**30% IMPROVEMENT**

**IN ASSIGNMENT COMPLETION RATES**

helping students stay on track and build the foundational skills for long-term success

**25% REDUCTION**

**IN DROP/WITHDRAWAL RATES**

a powerful testament to the supportive and engaging environment Praxis-AI fosters

## Addressing Institutional Challenges

Building a robust AI solution for education has required PRAXIS-AI to overcome significant challenges, including scalability, integration with LMS systems, and the typical costs associated with AI solutions. But instead of allowing these challenges to limit our impact, we turned them into opportunities to innovate and create a solution tailored to the diverse needs of higher education.

With a flexible, LLM-agnostic middleware architecture, PRAXIS-AI delivers on critical needs for scalability, security, and cost-efficiency—without vendor lock-in. This adaptability is crucial in higher education, where technology must work seamlessly with diverse systems and resources. Our platform minimizes integration time and complexity, bringing immediate benefits to our university partners.

## A Strategic Partner for Institutional Success

PRAXIS-AI is more than just a tool—it's a strategic ally for institutional leaders who want to future-proof their universities. By harnessing AI-driven insights, leaders can make smarter, more impactful decisions across all aspects of the institution:

### Enrollment Optimization

AI-driven analyses enable universities to predict acceptance and graduation rates with greater accuracy, helping them grow sustainably while boosting student success.

### Curriculum Relevance

PRAXIS-AI's technology empowers administrators to adapt programs to emerging fields and evolving industry needs, ensuring graduates are well-prepared for an AI-driven world.

### Resource Allocation

Our AI solutions help optimize resource distribution, from class sizes to operational efficiency, allowing institutions to maximize quality without overspending.

Institutions like ASU have already experienced the benefits of PRAXIS-AI, with significant improvements in student support and faculty engagement aligning with their broader goals. As Dr. Damian Clarke from ASU highlights, "PRAXIS-AI's digital twin platform has been transformative, making a clear and tangible difference in our ability to support students effectively." By partnering with PRAXIS, universities can offer students a personalized, supported, and successful educational experience.

## Building a Future-Ready Campus

Looking forward, PRAXIS-AI envisions a collaborative future where human expertise is responsibly augmented by AI. Our mission is to foster a culture of continuous adaptation and lifelong learning, preparing universities to evolve alongside rapid technological advancements. The partnership between AI and human educators will create a learning environment that is not only enhanced but fundamentally redefined, enabling institutions to remain agile and relevant in an era of accelerated change.

By aligning AI with the mission of higher education, Praxis AI is not only transforming learning but also empowering institutions to thrive in an era of change. Stay-tuned for our next white paper as we leverage this successful approach into enterprise markets – developing digital twins of high performers and industry leaders.

Are you AI-ready?



## HIGHER-ED CUSTOMERS & PILOTS



## RECENT AWARDS



## REFERENCES

- "AI or Not AI: What Students Want", Digital Education Council Global AI Student Survey 2024
- "PRAXIS-AI Efficacy and Outcomes Report 2024", aggregated usage analytics from students and faculty in Higher Education (Oklahoma University, Clemson University, Alabama State University, et al)