

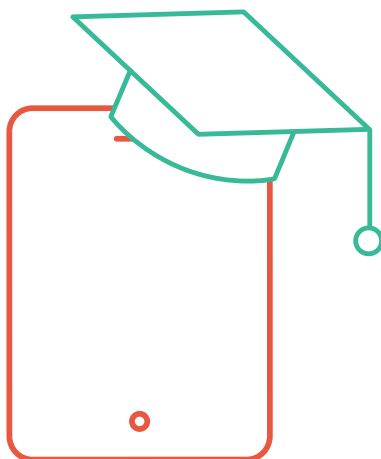


1-to-1 iPad Programs in Higher Education

Improve student outcomes with the right technology

Community colleges, private and public universities, undergraduate and doctoral programs have one shared goal: student success. This goal hinges on a variety of programs and engagement techniques.

The most effective student success initiatives are multi-faceted and technology like 1-to-1 iPad and Apple technology makes it easier to fully integrate programs throughout your institution.



IN THIS WHITE PAPER, SEE HOW 1-TO-1 IPAD PROGRAMS CAN BE A DRIVER OF:

- **Student wellness** – find the balance of success and health.
- **Student engagement** – whether in the lecture hall or on break, ensure students are active participants in their education.
- **Career readiness** – ensure students are equipped, prepared and confident to enter the workforce.

How did iPad become a driver of student success?

Apple adoption is here to stay in higher education. A recent study stated **94 percent of higher education institutions said they use Apple's iPad to enhance learning**. Additionally, **87 percent of those schools saw an increase in their overall Apple adoption** from the previous year, according to **Campus Technology**.

As universities continue to search for new and innovative ways to promote the best education experience for their students, many have shifted toward 1-to-1 iPad programs in which they provide each student with a managed iPad during their time at school. Schools like **Maryville University, Hiram College, Shenandoah University** and **The Ohio State University** are capitalizing on providing each student with innovative and personalized technology to improve their experience and outcomes.

These schools with 1-to-1 iPad programs demonstrate how they're achieving and exceeding their expectations for student success in three key areas: student wellness, student engagement and career readiness.

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Success Initiative #1

STUDENT WELLNESS WITH IPAD


The transition from high school to college can take a toll on student wellness. Most students are in a radically new environment and in some cases, for the first time without parental supervision. Their support system has changed, and they're forced to be more independent. Whether students need help with the new teaching or curriculum style, moving to a new location or the stress of exams, a university that can provide its students a helpful outlet is a must.

From proactive outreach to resource awareness, a 1-to-1 iPad program gives schools a new way to monitor and positively impact student wellness.


PROVIDE STRESS MANAGEMENT TIPS

-  Make content available directly on the iPad for students, such as reminders to take study breaks or to meet new people.
-  Drive awareness of student resources, such as office hours and locations for on-campus counselors.

PROVIDE TIMELY RESOURCES

-  Proactively push out content and resources before students become homesick, or before a common stress triggers such as final exams.

SEND EMERGENCY COMMUNICATIONS

-  When every student has an iPad, schools can send a push notification message alerting students and faculty of the potential risk and the recommended action.

Success Initiative #2

STUDENT ENGAGEMENT WITH IPAD

One of the most effective ways to keep students on the path to graduation is ensuring they're actively engaged in their classes and curriculum. It might seem like an impossible task for a single professor or advisor to keep all of their students engaged and moving toward graduation, but with iPad it's never been easier.

From cost savings to enhanced learning environments, 1-to-1 iPad programs keep students involved in their education.



INTERACTIVE LEARNING:

With iPads, students are able to actively engage with their courses through interactive iOS apps, including education and productivity apps. And; because of the portability of iPads, learning can extend beyond the classroom.



DIGITAL TEXTBOOKS:

With the growth in digital textbooks for students, there's a significant financial benefit as well. **In a recent study by VitalSource**, 85 percent of students delay or avoid purchasing physical textbooks because of the associated cost. By allowing access to digital resources at a fraction of the cost, schools can truly offer digital equity and equal access to the materials they need to be successful.



EFFECTIVE COLLABORATION:

Professors can have students collaborate on projects, share content to each other's iPads during working sessions, as well as share content and presentations to the entire lecture hall on an Apple TV with AirPlay.

"We have students who come from a wide range of economic backgrounds, and by providing everyone with the same tools, they have an equal opportunity to learn in the class and learn to use these industry-leading tools."

Tom Anderson,
Apple systems administrator and
help desk manager,
Shenandoah University

Digital Equity with iPad

Educators need to be concerned with the achievement gap. Through 1-to-1 initiatives, higher education institutions provide a genuine solution to this gap and help students with different learning styles achieve academic success by providing a customized tool that enables interactive learning, collaboration and caters to their academic learning needs.

Success Initiative #3 CAREER READINESS WITH IPAD

The final area of impact that drives student success is career readiness. Institutions are increasingly focused on preparing students for a career after graduation. The more prepared students are for the careers of the future, the more of an edge they'll have when entering the workforce.

If educators are able to create applicable situations that simulate a work environment, students will already have countless hours of practice with the tools and technology they'll use in the field.

DIGITAL CITIZENSHIP:

By incorporating technology into their everyday lives, and level-setting expectations of usage from the beginning, students become more comfortable with technology and form healthy habits.

CAREERS IN TECHNOLOGY:

Through Apple's Swift Playgrounds and other coding and app development initiatives, students have new opportunities to strengthen their knowledge and understanding of a coding curriculum.

SIMULATING THE WORK ENVIRONMENT:

iPads are becoming integral in the workforce. In a **recent study**, seven major industries have experienced over 50 percent growth in iOS usage.

Growth in iOS Usage Across Enterprise Industries

+82%

Information Technology

+76%

Media and Entertainment

+62%

Construction

+62%

Real Estate

+61%

Financial Services

+55%

Business Services

+50%

Healthcare

50%

Growth in iOS usage
across seven major
industries

Helpful tips for a successful 1-to-1 iPad Program

1

FIGURE OUT FUNDING

Implementing a 1-to-1 program might not cost your university as much as you think. Whether you receive board approved funding or include the hardware, management and apps into the yearly technology fee, your return on investment might be surprising. For example, we found that **Maryville University** saves an average of \$50,000 per semester through their 1-to-1 student iPad program.

2

START WITH A PILOT

Start smart by starting small. Identify a pilot department or control group of students for the first deployment. Collect feedback, establish success metrics, then expand your group.

3

ENGAGE YOUR PROFESSORS EARLY

The earlier you can get educators on board, the better. Some members of your faculty might not be familiar with iPad and may need extra time to get up to speed before classes begin. An early start also gives faculty time to vet apps they think will be most applicable to their courses.

Additionally, if you're considering implementing Apple Classroom (like **Maryville University**) this gives IT enough time to get all the educators up and running and comfortable with that platform.

4

HAVE A SOLID ROLL-OUT PLAN

Prior to handing out devices to students, it's critical to establish a smooth roll-out process. Here are a few tips to ensure your student iPad deployment goes off without a hitch:

- Make sure your network is ready for the rollout.
- Have support stations for students and faculty who might not be familiar with the technology you're giving them, like an Apple ID creation station or an Apple 101 station!

"The device, and using it as a teaching tool, enables me to see how different learners can demonstrate their knowledge in ways other than traditional essays and multiple-choice exam formats."

Katherine Kline, PH.D.,
assistant professor of
Rehabilitations Counseling,
Maryville University

Managing a 1-to-1 iPad Program



DEPLOYMENT AND PROVISIONING

Streamline your device deployment with Apple School Manager. Simply order your devices through Apple or an authorized Apple reseller, once you receive your devices, simply hand out unopened devices to your end users. Your mobile device management (MDM) will automatically enroll and configure the devices during setup—saving valuable time and resources.



CONFIGURATION MANAGEMENT

With configuration profiles and smart targeting, you can fulfill the technology requirements of every group you serve.



APP MANAGEMENT

By managing and deploying your apps via Apps and Books in Apple School Manager, you can ensure users have all the approved apps they need, configured for their use case and secured for your environment.



INVENTORY

You can't manage what you can't measure. The inventory data your MDM solution collects can be used for a wide range of organizational needs. With dynamic inventory tools, you can collect hardware information, software information, management details and more.



SECURITY

Leverage Apple's native security tools to ensure you have the security controls you need and users get the user experience they demand. Enforce encryption and easily integrate with third-party tools to build a complete security ecosystem.



USER EMPOWERMENT

From a user-enabled setup and enrollment process, to automated application patching and a personalized app catalog, empower faculty with pre-configured content and apps—without a call or ticket to IT.

Industry leading Apple management

To get the absolute most out of Apple and your technology investment, you require a management solution that matches Apple's commitment to education and has proven from day one that helping people succeed with Apple is a top priority.

With Jamf's commitment to education, it's no wonder why more than 18,000 global customers have chosen Jamf.

Who uses Jamf in higher education?

1,000+

HIGHER EDUCATION INSTITUTIONS

9 OF THE TOP **10**

GLOBAL UNIVERSITIES

10 OF THE TOP **11**

U.S. UNIVERSITIES

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Get Started

Or contact your preferred reseller of Apple devices to take Jamf for a test drive.