3 Ways Technology is Powering the Next Generation of Apprenticeships

01. Going Virtual

COVID has forced millions of people to quickly adapt and embrace the virtual workplace. Major apprenticeship programs have had to follow suit, offering more accessible, scaleble, and equitable apprenticeship programs which are not tied to a physical location.

AR and VR are expected to make **huge impacts** in training moving forward.

1 in 3

small manufacturing businesses in the US are expected to be piloting a VR training plan for new hires in the next year.
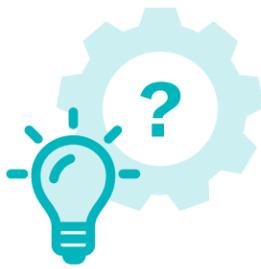
50%

faster timespan for these new hires to reach full productivity.

02. Building Awareness

Many Americans have a limited view of apprenticeships, most often associating them with careers in the trades. Though valuable and fulfilling careers, there is a much wider set of options availlble through apprenticeships. Building awareness across all industries is critical to building the nation's workforce.

8% of community college students have participated in an apprenticeship program, and that

58% of students weren't aware of apprenticeships.

High-profile participants in modern apprenticeship programs are building awareness.

Tech industry giants IBM, Cerner and Cisco are participating in the recently created IRAPs program – showcasing not only the viability of apprenticeships as a training model, but the value that they can provide to businesses.

IBM ⊜ Cerner

CISCO

03. Enhancing Learning Management

As learning management systems get modernized, they offer clear benefits for apprenticeship programs and can help overcome some of the most notable barriers to program participation and efficacy. LMSs have demonstrated their ability to improve the training experience through improvements to:

Interactivity

Gamification and social components allow LMSs to **increase engagement** by as much as 60%.

Data Management

LMSs offer comprehensive data collection – allowing for the assessment and **improvement of programs**.

Flexibility

LMS-based courses enable apprentices to access training on their **own schedule and pace**.