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Preparing Students for the Future Workforce: Addressing Emerging Trends in AI and Automation

This is the second article about the learning experience for students. As we move further into the 21st century, it is undeniable that the landscape of the workforce is undergoing a profound transformation. With rapid advancements in technology, particularly in artificial intelligence (AI) and automation, the skills required by employers are evolving at an unprecedented pace. At [Abu Dhabi University](#), we recognize the imperative to equip our students with not only the knowledge but also the skills and competencies necessary to thrive in this dynamic environment.

AI and automation are reshaping industries, from healthcare and finance to education and manufacturing. These technologies are not only enhancing productivity but also changing the very nature of many jobs. As certain tasks become automated, the demand for skills that machines cannot replicate, such as critical thinking, creativity, emotional intelligence, and complex problem-solving, is skyrocketing.

At ADU, we have introduced many new programs in this area. In addition, we have proactively revised our curricula to include a strong focus on technology and innovation.

To bridge the gap between theoretical knowledge and practical application, we emphasize experiential learning. Our partnerships with leading technology firms provide students with opportunities for internships, collaborative projects, and real-world problem-solving scenarios. By working alongside industry professionals, students gain invaluable insights into the practical applications of their studies, enabling them to develop skills that are directly relevant to the job market.

While technical skills are vital, we understand that soft skills are equally important in preparing students for the workforce. Our university places a strong emphasis on developing skills such as communication, teamwork, and adaptability.

As the chancellor of ADU, I am proud of our commitment to preparing students for the future workforce. By adapting our curricula, fostering hands-on experiences, promoting interdisciplinary learning, and emphasizing both technical and soft skills, we are equipping the next generation with the capabilities necessary to thrive in an era marked by AI and automation.

[#AI](#) [#LearningExperience](#)

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