

## Upgrading Your College or University Facilities: The Evolution of Higher Education

When it comes to higher education, technology plays a huge role throughout student's time learning; from learning in sixth form and other avenues of higher education, all the way to university and attaining a degree in their chosen subject(s).



This technology is the foundation of success for students, and your current environment may be lacking when it comes to offering students what they need to succeed. Whether it's tailoring your systems to technology-specific subjects such as design or coding, or ensuring your displays are delivering the right output, there are factors you must consider when organizing technology to teach students successfully.

What works for one education needs can oppose another vastly in setup. Read on to understand what this looks like, and some examples of how setups can differ based on use-case.

### **Secondary Education and Coding: Creating Efficiently, From Anywhere**

Coding is, by its very nature, a technology-focused subject. While compiling code and making use of large code libraries can demand a lot of performance from systems, teaching coding at secondary education doesn't require the highest-end systems.

In fact, ASUS recommends more mobile-focused systems, such as a Chrome OS laptop or similar devices. These browser-based devices offer sharp capabilities within a range of budgets, enabling responsive and effective learning of coding, while offering students the ability to learn from anywhere and move their education

beyond the confines of the classroom.

If you want your students to get more hands-on with programming and tinkering, the [ASUS Tinker board range](#) are an ideal solution to provide students with the opportunity to go beyond the coding and get to grips with hardware.

### **Further Education and Design: Artistry Tools**

Now when it comes to teaching design subjects at further education and university levels, demands become more intensive; many students will move on from this level of education directly into careers and jobs that require a strong understanding of not only the subject, but the technology around it.

This includes systems and their components of course, but also monitors and their unique specifications that designers need to perform their work to a professional standard.

Regarding systems, ASUS systems such as the [Mini PC ProArt PA90](#) offer education establishments systems that deliver modern, powerful components such as Intel® Core™ processors and NVIDIA® Quadro® graphics, but also ensure these systems minimize their intrusiveness on classroom space.

Academic institutions should also consider the recent introduction of NVIDIA's RTX Studio program/device badges, and how they can cater for education needs, making it easy for schools and universities to choose devices that will give their students the ideal experience and learning tools.

Monitors offer an almost limitless variety, and the ASUS selection is no different; teachers and purchasing departments will need to decide on sizes, panel types, refresh rates, colour accuracy, response times, and much more. For the best design experience, the [ASUS ProArt display range](#) represents the best-in-class for display technologies, offering incredible HDR, colour gamut, refresh rates, and more.

We recommend following our business glossary to monitor terms in order to understand what each term means, and why they matter: [The Business Glossary to Monitor Specs](#)

It's not just about the monitors themselves, however. Schools and universities must also consider pricing and longevity; all ASUS monitors come with a 5-year warranty,

ensuring the technology in your classrooms remains performant as expected.

### **Laptops & Libraries: The Future of Learning is Collaboratively Digital**

Libraries are the heart and soul of any educational establishment. Far from just being the repository of books and texts, they are places for group learning, meetings, and in an increasingly digital environment, a place that incorporates the dedicated IT rooms of old.

Texts and learning materials are being digitized and stored online, and entire portions of learning infrastructure is now digital; particularly at this time, much of learning is now taking place online and across digital classrooms.

Devices such as the [ASUS Google Meet Kit](#) can help set up powerful and constructive learning and meeting environments for students and teachers alike.

Whether your school is looking to introduce young learners to the world of computer programming, or your university is preparing adult students for their future careers, look to ASUS to deliver solutions that make sense: [The ASUS Range](#)

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