



uCertify Lab



Introduction



uCertify Lab is virtual environment where students learn by doing. They encourage exploration and experimentation in a risk-free environment which results in better learning for students. uCertify Lab offers:

- Software Simulation
- LiveLab
- Coding Sandbox
- 3D Avatar Based Simulation

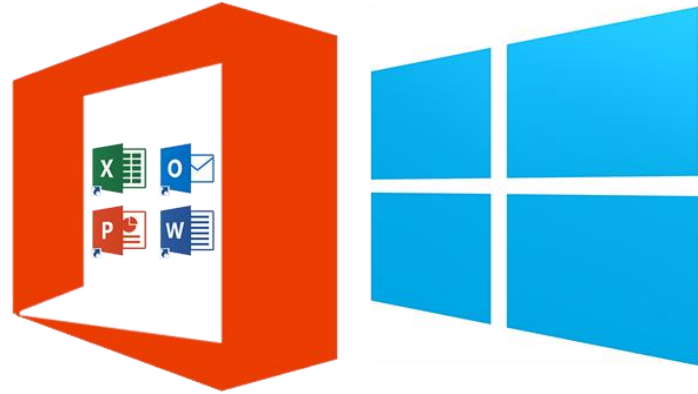
The Lab can be mapped to any course, textbook and training material therefore adding value and “hands-on” component to virtually any training.



Software Simulation



- ❑ uCertify Software Simulation Lab simulates real-world, hardware, software and command line interface environments, and can be mapped to any text-book, course or training.
- ❑ Training delivered through uCertify Lab is designed to engage students through interactivity and instantaneous feedback.
- ❑ Students are presented with a learning path that is continuously optimized based on their performance.



LiveLab



- ❑ uCertify LiveLab is computer hardware which is networked together and conveniently accessible via a web browser.
- ❑ It allows students to experiment and configure hardware such as a computer, server, switch or router in a risk free environment.
- ❑ Most of the uCertify LiveLab comes with the feature of auto grading. This saves instructor's time and students get immediate feedback.



Coding Sandbox



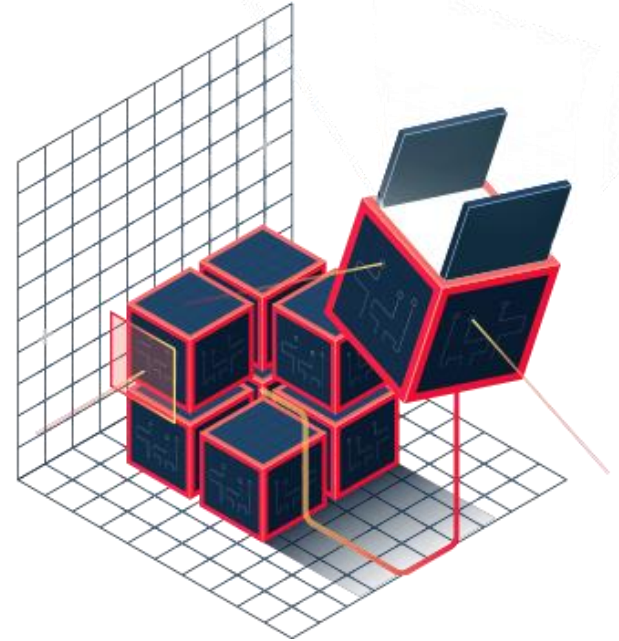
- ❑ uCertify Coding Sandbox provides a virtual coding environment, where students can write code in about 49 languages.
- ❑ It challenges students to learn and practice their coding skills hands-on in an integrated development environment (IDE) with immediate feedback and code validation.



3D Avatar Based Simulation



- ❑ uCertify 3D avatar based simulation is the imitation of the real world in virtual space by computer programs, allowing for the virtual interaction of users, walking through a computer-generated environment.
- ❑ uCertify 3D avatar based simulation has a conversation transcript, real world object and immersive environments.
- ❑ They can be mapped to any learning resource and is available on Chrome, Mozilla, or Edge browser.



Hands-on Learning



uCertify Lab offer activity based learning where users can learn by doing

- ❑ Real world immersive environments
- ❑ Real world object environments
- ❑ Hardware Lab
- ❑ Software Lab
- ❑ Operating systems Lab
- ❑ Computer coding environment
- ❑ Networking Lab



Features



uCertify Lab comes with interactive features to meet the needs of education users

- ❑ Hands-on learning for online/distance education
- ❑ Readiness score & study planner
- ❑ Detailed report card
- ❑ Comprehensive remediation via videos
- ❑ Maps to any learning resource
- ❑ SSO and Gradebook Sync Flexible
- ❑ Self-paced, Instructor-led or mentor guided



- ❑ CBE or traditional
- ❑ Online, onsite or hybrid
- ❑ Available on any browser, any Smartphone, or any Tablet



Innovation



uCertify constantly upgrades its Lab simulation for better learning outcome

- ❑ Based on science of learning
 - Gamification, Spaced Learning, & Randomization
- ❑ Learn by doing/Hands on learning
 - Simulations, Coding Sandbox & Virtual Lab
 - 50+ Interactive Items



- ❑ Instructor-led, self paced or mentor guided
- ❑ Efficient customization
- ❑ End to end – even third party assets
- ❑ 3D avatar based simulation has introduced significant improvements. These include:
 - Multiple voice options
 - Result and progress of performance
 - Complete detail of tasks performed



- Can repeat any statement at any point of time also pause and resume
- Step back button option



Reporting & Analytics



uCertify Lab provides useful analysis and reports for users

- ❑ Readiness score
- ❑ Study planner
- ❑ Activity Report
- ❑ Analytics at the point of action
- ❑ Detailed report card
- ❑ Comprehensive remediation
- ❑ Three feedback modes - test, learn and review



Thank You!

We are a team of engineers & educators who are passionate about learning.

uCertify may be new to you but we would like to change that by introducing ourselves to you and by learning about you. Please drop us a line at info@ucertify.com

