



Computer Technology/Programming and Scripting

Augmented Reality and Virtual Reality Certificate CCPS-6600

Immersive reality technology is more attainable than ever before. Augmented (AR) and virtual reality (VR) represent a growing technology trend in training and development, gaming, marketing, and more. In this certificate program, you will learn how to plan, design, and create VR and AR apps and 360° videos using Unity, C#, Adobe Premiere Pro, and other industry-standard tools. Explore immersive reality concepts and the coding necessary to develop basic and advanced level experiences in a hands-on, project-driven way that gives you more practical experiences in the development process. You'll leave the course with a personal portfolio that will provide a foundation to use as you continue your immersive reality development.

Ready to learn more? Complete our information form at www.kirkwood.edu/ce_certificatesform or contact a student advisor today at ceadvising@kirkwood.edu or 319-398-5529.

Course List:

360° Video; Virtual Reality; Augmented Reality; Mixed Reality Portfolio

Delivery Method:

Classroom

Length of Program and CEU Credits:

128 hours, 15.53 CEUs

Entrance Requirements/Prerequisites:

None

Other Items to Know About this Course:

None

Program Completion Requirements:

This is a pass/fail certificate. Students will need to complete the final project portfolio components of this

class in order to pass the certificate. Attendance is also a part of the requirement for obtaining the certificate. Students must attend a minimum of 80% of class to pass.

Industry Credentials Earned:

None. This program does not award any nationally recognized certification upon completion.

Pathway to Credit Program:

None

Tuition Assistance:

Yes

Course Objectives:

- Explore the different immersive reality options, including augmented, virtual, and 360° virtual video.
- Discover Unity and Adobe Premiere as development tools, including features, interfaces, and terminology associated with them.
- Learn basic C# coding techniques specific to the creation of immersive reality projects.
- Plan, storyboard, and design three functional immersive projects from beginning to end.
- Practice building, evaluating, and improving the immersive reality development workflow.
- Share your projects through multiple mediums, including mobile and wearable devices.

Learning Outcomes:

Upon completion of this program, students should be able to create AR, VR, and 360° video projects. The certificate program culminates in creating a personal portfolio that will provide a foundation to use as you continue your immersive reality development.

Careers:

Source: EMSI Career Coach 2020, Kirkwood Community College Region

Multimedia Artists and Animators

Average hourly earnings: \$20.60

Starting hourly earnings: \$11.34

LEARN MORE

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Continuing Education

6301 Kirkwood Blvd. SW
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