

VIRTUAL PRODUCTION FUNDAMENTALS

design.missioncollege.edu

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Virtual Production Fundamentals: Certificate of Achievement (CA)

The Virtual Production Fundamentals Certificate of Achievement, offered as a part of the Regional Virtual Production Academy (RPVA) collaborative, prepares students for entry-level careers in virtual production. Students will apply the skills from film production, computer graphics, digital imaging, visual effects and game engines to the virtual production process. Students may select courses from the participating colleges to complete the certificate.

Program Learning Outcomes:

- Analyze, describe, and apply the fundamental technology requirements of the virtual production workflow
- Demonstrate proficiency with game engines, 3D computer graphics, visual effects, and film production
- Demonstrate the ability to work as a member of a production team and take responsibility for one's role
- Create a project using the virtual production process

Career/Transfer Opportunities:

Special Effects Artists and Animators, Producers and Directors, and Camera operators for film, television, and video.

To earn this degree, students must meet the following requirements:

1. Completion of 60 degree applicable units with an overall GPA of 2.0.
2. Completion of a minimum of 18 semester units in the major with a grade of C (or P) or better.
3. Completion of the AA/AS Graduation Requirements, CSU GE-B or IGETC.

Core Requirements (15 units):

Complete all of the following		Units
GDS 039A	3D Animation and Modeling	3.0
GDS 040	Game Design I	3.0
GDS 064	Introduction to Adobe Photoshop	3.0
GDS 074	Digital Video Production	3.0
GDS 086	Visual Effects I	3.0
GDS 087	Virtual Production I	3.0

Elective (minimum 1 unit):

Complete a minimum of one unit from the following		Units
GDS 081	Motion Graphics	3.0
GDS 069	3D for Designers and Illustrators	3.0
WRK 300GS	General Work Experience	1.0-4.0

Total Required Units: 19.0-22.0