Dynamic Reality Technologies (AAS-DRT)

Program Location: Fairhope Campus

Applied Technology Division

Length: Four Semesters

The Associate in Applied Science degree in Animation, Interactive Technology, Video Graphics & Visual Effects—Dynamic Reality Technologies is technical degree, which is designed to prepare students for entry-level positions in the VR/AR/MR Industry in the use of virtual reality and virtual reality training simulations. The program enables the discovery, stimulation, development and demonstration of students' true creative potential within the context of a real 3D simulation production. Students will also experience stimulating creation and production situations similar to those found in industry. At the end of the program, students will have created a professional portfolio of their work in digital creation, according to industry standards use of VR/AR/MR-based technologies and holograms for employer-developed training simulations.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

Subject: Applied Technology
Type: A.A.S.

Semester One

Item #	Title	Credits
CAP 101	CGI Software Basics	3
CAP 103	Computer Graphics History	3
CAP 104	Introduction to Game Design I	3
CAP 105	Introduction to Computer Programming for 3D	3
ENG 101	English Composition I	3

Semester Two

Item #	Title	Credits
ART 175	Digital Photography	3
ART 178	Audio-Visual Techniques	3
CAP 123	CGI Shading, Lighting and Rendering	3
CAP 124	Game Design II	3
	MTH 116 or MTH 100	3
	History, Social Science, or Behavioral Science Elective	3

Semester Three

Item #	Title	Credits
ART 121	Two-Dimensional Composition I	3
CAP 201	Simulation and Particles Effects	3
CAP 202	Live Action and Integration Project	5
CAP 204	Advanced Modeling	2
	Math, Science, or Computer Science Elective	3-4

Complete Graduation Application

Complete the graduation application and begin the process of a review of your degree plan before your final semester.

Semester Four

Item #	Title	Credits
CAP 221	Final Project	6
CAP 205	Dynamic Reality Production	3
CAP 224	Digital Environment	3
	CAP 225 or CAP 226	3
	Total credits:	**64-65**