

PROGRAM OF STUDY: Animation and Digital Media



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

SECONDARY:					POSTSECONDARY:				
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH	TCC	DIPLOMA OR AAS	ASSOCIATES OF SCIENCE		
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit	Entrance/Exit Point	Entrance/Exit Point	Entrance/Exit Point		
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus				GAA1 Graphics and Animation Developer Certificate	CSD4 Video Game Developer Diploma,
SCIENCE	Physical Science	Biology	Chemistry	Physics				SMD1 Social Media Developer Certificate	CSD3 Game Development Degree
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)				CSZ1 Video Game Developer Certificate	DEM2 Design and Media Production Technology Diploma,
PATHWAY COMPLETER	Introduction to Digital Media	Principles and Concepts of Animation	Advanced Animation, Game and App Design	Animation Internship/ Capstone				DAM1 Design and Media Production Specialist Certificate	DAM3 Design and Media Production Technology Degree
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)						DI21 Digital Illustration Specialist Certificate	
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Introduction to Digital Technology	Computer Science Principles	Advanced Graphic Design	GD21 Graphic Design & Prepress Certificate	Find the campus for the Diploma, Degree options			
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.		Find the campus for the TCC options				

NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

Animation and Digital Media Career Pathway Completers - Industry Credentialing for High School Students
Upon completion of sequenced courses in the Animation and Digital Media Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Animation and Digital Media pathway will be able to sit for the National Industry Credentialed assessment offered on-line from Adobe. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://bit.ly/GA-AAVTC>.

Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2014 – 2024 Employment Outlook
Game Developers	Bachelor's Degree	\$100,382	2,981	In Demand, High Skill, High Wage
Web Designers	Bachelor's Degree	\$76,392	338	In Demand, High Skill
Multimedia Artists and Animators	Bachelor's Degree	\$59,133	258	In Demand, High Skill
Video Game Designers	Bachelor's Degree	\$85,978	1,931	High Skill, High Wage, In Demand

[Data link here.](#)

Go to [GAfutures at www.gafutures.org](http://www.gafutures.org) for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, grants and loans, FAFSA, and CSS forms).

Career Enhancement Opportunities	Career-Related Education Activities <ul style="list-style-type: none"> • Career Awareness • Career Exploration • Instructional Related • Connecting <ul style="list-style-type: none"> • Work-Based Learning • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Clinicals 	Postsecondary Options: <ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military 	Earning Postsecondary Credits While in High School <ul style="list-style-type: none"> • Dual Enrollment Program • Earn postsecondary credit while in high school • You can complete <ul style="list-style-type: none"> • Industry Credential • Technical Certificate of Credit (TCC) • Associates of Applied Science Degree • Bachelor's Degree • Who can help? <ul style="list-style-type: none"> • Parents • School Counselor • Advisor
Postsecondary Transition <ul style="list-style-type: none"> • University System of Georgia Institutions: Admissions Testing <ul style="list-style-type: none"> • ACT or SAT • For More Information: <ul style="list-style-type: none"> • Contact the institution of your choice OR • Technical College System of Georgia <ul style="list-style-type: none"> • Placement Exam • United States Military <ul style="list-style-type: none"> • ASVAB Assessment • Use BRIDGE Law platform to inform decisions on postsecondary opportunities • Dual Enrollment <ul style="list-style-type: none"> • Earning high school course credits while taking college courses 			
Related Pathway Occupations		Other Related Occupations	
<ul style="list-style-type: none"> • Artist • Illustrators • Animators • Motion Graphic Artists • Video Game Designers • Multimedia Producer • Web Designer 		<ul style="list-style-type: none"> • Film and Video Editors • Art Directors • Graphic Designers • Directors-Stage, Television, Film 	
*ONET Online			

Animation and Digital Media Pathway Description

The Animation and Digital Media Pathway is a series of courses that teach all aspects of 2D and 3D animation and digital design. Students will gain knowledge in animation history, basic modeling, storyboarding concepts, game development and fundamentals of motion while working to incorporate effective sound and lighting techniques as well as 3-D space morphing into their animated projects.

Working independently, as well as on small production teams, students will learn to manage the entire production pipeline for 3-D projects. Students in the Animation and Digital Media Pathway will have the opportunity to become effective animators as they develop a thorough working knowledge of the animation opportunities available in a rapidly growing career field.

Employment of animators and Video game developers is projected to grow 7 to 13% percent from 2014 to 2024, higher than the average for most other occupations. These occupations should experience potential high-wages, high-demand, and high-skilled opportunities throughout the industry.