

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:				
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus
SCIENCE	Physical Science	Biology	Chemistry	Physics
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)
PATHWAY COMPLETER	Introduction to Digital Media	Principles and Concepts of Animation	Advanced Animation, Game and App Design	Animation Practicum Capstone
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)		
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Audio and Video Technology and Film	Advanced Graphic Design	Computer Science Principles
	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.	

Postsecondary Transition

- University System of Georgia Institutions: Admissions Testing
 - ACT or SAT
 - For More Information:
 - Contact the institution of your choice
- Technical College System of Georgia
 - Placement Exam
- United States Military
 - ASVAB Assessment
- Use BRIDGE Law platform to inform decisions on postsecondary opportunities
- Dual Enrollment
- Earning high school course credits while taking college courses

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>.

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.

Employment of animators and Video game developers is projected to grow. These occupations should be in-demand the potential for high-wages, and high-skilled opportunities throughout the industry.

Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2018 – 2028 Employment Outlook
Game Developers	Bachelor's Degree	\$91,190	170	In Demand, High Skill
Web Designers	Bachelor's Degree	\$91,190	340	In Demand, High Skill
Multimedia Artists & Animators	Bachelor's Degree	\$59,290	260	In Demand, High Skill
Film and Video Editors	Bachelor's Degree	\$61,800	210	In Demand, High Skill

Related Pathway Occupations

- Artist
- Illustrators
- Motion Graphic Artists
- Web Developer
- Multimedia Producer

Other Related Occupations

- Video Game Designer
- Directors-Stage, Television, Film
- Graphic Designer



O*NET Online

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.

POSTSECONDARY:

	TCC	DIPLOMA OR AAS	BACHELOR OF SCIENCE
Entrance/Exit Point	<p>CK71 Animation Technology 28 hours DMPT 2400 - Basic 3D Modeling and Animation 4 hrs DMPT 2405 - Intermediate 3D Modeling 4 hrs</p> <p>Complete four of the following five courses - minimum 20 hrs. DMPT 2410 - Digital, Texture and Lighting 4 hrs DMPT 2415 - Character Rigging 4 hrs DMPT 2420 - 3D Production and Animation 4 hrs DMPT Electives - 8 hrs.</p>	<p>DEM2 Design and Media Production Technology 46 hours</p> <p>Basic Skills Courses Select 1 of the 2 English courses - 3 hrs. ENGL 1010 - Fundamentals of English I 3 hrs ENGL 1005 - Applied Technical Communication 3 hrs</p> <p>Select one of the following courses - 2 hrs EMPL 1000 - Interpersonal Relations and Professional Development 2 hrs PSYC 1010 - Basic Psychology 3 hrs</p> <p>Select one of the following Math courses - 3 hrs MATH 1011 - Business Math 3 hrs MATH 1012 - Foundations of Mathematics 3 hrs MATH 1005 - Applied Technical Mathematics 3 hrs DMPT 2930 - Exit Review 4 hrs</p> <p>Occupational Courses DMPT 1000 - Introduction to Design 4 hrs DMPT 1005 - Vector Graphics 4 hrs DMPT 1010 - Raster Imaging 4 hrs</p> <p>Technology Cluster - Select one course COMP 1000 - Introduction to Computer Literacy 3 hrs CIST 1101 - Working with Microsoft Windows 3 hrs DMPT 1055 - Introduction to Media Technology 4 hrs</p> <p>Computer Animation Specialization - 19 hrs ~ 8CA2 DMPT 2400 - Basic 3D Modeling and Animation 4 hrs DMPT 2405 - Intermediate 3D Modeling 4 hrs</p> <p>Select 3 courses for a minimum of 11 hrs DMPT 2410 - Digital, Texture and Lighting 4 hrs DMPT 2415 - Character Rigging 4 hrs</p> <p>DMPT 2420 - 3D Production and Animation 4 hrs</p> <p>Guided Elective - Min 3 hrs</p> <p>Video and Film Production Specialization - 19 hrs. ~ 8VP2 DMPT 1600 - Introduction to Video Production 4 hrs DMPT 2600 - Basic Video Editing 4 hrs DMPT 2800 - Intermediate Video Production 4 hrs</p> <p>Select 2 from the following - Min. 7 hrs. DMPT 2805 - Narrative Filmmaking 4 hrs DMPT 2810 - Documentary Filmmaking 4 hrs Guided Elective - 3 or 4 hrs.</p>	<p>The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees. https://apps.ds.usg.edu/ords/f?p=118:1:0</p>
Entrance/Exit Point			Entrance/Exit Point

Go to GAFutures at 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	Postsecondary Options:	Earning Postsecondary Credits While in High School
	<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 	<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 	<ul style="list-style-type: none"> Dual Enrollment Program <ul style="list-style-type: none"> 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