



LANIER HIGH SCHOOL IS AN ACADEMY SCHOOL

WHAT IS AN ACADEMY?

Academies are groups of students who share similar interests in broad career categories. A group of teachers who share in those interests and have valuable expertise supports each Academy. Each Academy offers students a chance to explore career interests and to learn what they do, or do not, like about potential careers. Students explore careers through career pathways (series of classes designed to develop understanding in a particular career field), academy activities, guest speakers, and more.

WHAT IS A PATHWAY?

A pathway is a series of courses that explores a particular career category. For instance, there are pathways in healthcare, computer science, engineering, marketing, teaching, and more.

Each pathway is designed to prepare students for future employment and post-secondary training.

WHAT MAKES LANIER HIGH SCHOOL AN ACADEMY SCHOOL?

At Lanier High School, we utilize project-based learning instructional techniques in many of our classes to build high-demand 21st century employability skills. In addition, Lanier High School sponsors multiple Career Technology Student Organizations, which students can join. We encourage participation in work-based learning, dual enrollment, Maxwell High School for Technology, Grayson Tech, career internships, and other career-focused activities. Lanier High School includes weekly Longhorn Time (scheduled by a student's academy selection) which provides opportunities for enrichment, intervention, and remediation for all students.

HOW DOES A STUDENT SELECT AN ACADEMY?

Each 9th grade student participates in either CDAT 9 or 9th LHS Academy.

During Longhorn Time, 9th grade academy groups learn about the different academy options at LHS, and then select an academy during the registration process.

A student may change his/her academy each year during the registration process.

ACADEMIES AT LANIER HIGH SCHOOL



9th Grade Academy

The 9th Grade Academy allows time for students to transition into a high school environment. Students are provided with additional resources and support to overcome transitional obstacles. In addition, students within this Academy are provided with information pertaining to the different career pathways that exist for high school students in GCPS.

Center for Design and Technology (CDAT)

STEM (Science, Technology, Engineering and Mathematics) education is in high demand, a wonderful blend of curiosity, creativity and challenge. The Lanier High School Center for Design and Technology (CDAT) - a Georgia STEM-certified program - provides opportunities for students to gain the knowledge and skills required for STEM careers. Application Required.

Global Business, Leadership, and Fine Arts

The Global Business, Leadership, and Fine Arts Academy programs give students a chance to be innovators and leaders in their communities. Students are provided with opportunities to understand business and technology, marketing, entrepreneurial practices, and teaching as a profession. Also, this academy appeals to those who enjoy creative and visual expression through fine arts.

Life/Health Sciences

This pathway is designed to offer students the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities.

Also, this academy appeals to those who enjoy environmental sciences and Biotechnology.

PATHWAYS AVAILABLE AT LANIER HIGH SCHOOL

CDAT ACADEMY

<u>Pathway Name</u>	<u>Course Sequence</u>
Engineering and Technology	Foundations of Engineering Engineering Concepts Engineering Applications
Game Design	Introduction to Software Technology Computer Science Principles/APCSP Game Design: Animation and Simulation
Computer Science	Introduction to Software Technology Computer Science Principles/APCSP AP Computer Science A

GLOBAL BUSINESS, LEADERSHIP, AND FINE ARTS ACADEMY

<u>Pathway Name</u>	<u>Course Sequence</u>
Audio-Video Technology and Film	Audio-Visual Technology and Film I Audio-Visual Technology and Film II Audio-Visual Technology and Film III
Financial Services	Introduction to Business Technology Financial Literacy Banking, Investing and Insurance
Marketing and Entrepreneurship	Marketing Principles Marketing and Entrepreneurship Marketing Management
Teaching as a Profession	Examining the Teaching Profession Contemporary Issues in Education Teaching as a Profession Practicum
Foreign Language	French I or Spanish I or Spanish for Native Speakers I French II or Spanish II or Spanish for Native Speakers II French III or Spanish III or Spanish for Native Speakers III

Band	Beginning Band Auditions Required for 2nd level Auditions Required for 3rd level
Chorus	Beginning Men's, Women's, or Mixed Chorus Auditions Required for 2nd level Auditions Required for 3rd level
Music Technology	Beginning Music Technology Intermediate Music Technology Advanced Music Technology
Orchestra	Beginning/Intermediate Orchestra Intermediate/Advanced/Mastery (Audition Required) Intermediate/Advanced/Mastery (Audition Required)
Theater	Theater Fundamentals or Technical Theater I Acting, Musical Theater, or Technical Theater II Advanced Drama (Audition Required)
Visual Arts	Visual Art Comp I/II Drawing and Painting I/Ceramics I/Crafts I/Photography I 3rd Level Visual Arts Course (multiple options)

LIFE/HEALTH SCIENCES ACADEMY

<u>Pathway Name</u>	<u>Course Sequence</u>
Nutrition and Food Science	Food, Nutrition, and Wellness Food for Life Food Science
Therapeutic Services- Exercise Science	Introduction to Healthcare Science Essentials of Healthcare Exercise Physiology

In addition to these, multiple pathways are available through **Maxwell High School of Technology** and **Grayson Technical High School**. See your counselor for information on these programs.

Options include: Culinary Arts, Flight Operations, Fire and Emergency Services/Firefighting, Cosmetology, Collision Repair, Early Childhood Care and Education, HVACR, Law Enforcement Services, Automobile Service Technology, Welding, and many more.

See important information about Maxwell High School of Technology and Grayson Tech on the LHS website (under registration tab).