



2026-2027 Hall County CTAE Pathway Offerings

Career Pathways

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A Career Pathway is a focused sequence of three courses and experiences designed to help prepare students for careers within the National Career Cluster Framework.

Advanced Manufacturing

- Engineering & Technology (CB, F, N) ⁺ [∞]
- Manufacturing (E, W) [∞]

Agriculture

- Agriculture Leadership in Animal Production (N) [∞]
- Agriculture Leadership in Horticulture (N) [∞]
- Agriculture Mechanics & Electrical Systems (L) ⁺ [∞]
- Agriculture Mechanics/Metal Fabrication (L) [∞]
- Agriculture Mechanics Systems (L) ⁺
- Animal/Mechanical Systems (N) [∞]
- Food Animal Systems (N)
- Forest Mechanical Systems (L) [∞]
- Horticulture & Animal Science (E,N)
- Horticulture/Mechanical Systems (N)
- Poultry Science (E) [∞]
- Veterinary Science Pathway (E,N) [∞]

Arts, Entertainment, & Design

- Animation & Digital Media (CB) [∞]
- Audio-Video Technology/Film I (C, J, W) ⁺ [∞]
- Audio-Video Technology & Film II (C, J, W) ⁺ [∞]
- Graphic Communications (E, F, J, W) ⁺ [∞]
- Graphic Design (C, E, F, J, N, W) [∞]

Construction

- Carpentry (C, J, W) [▲] [∞]
- Electrical (C, W) ⁺ [∞]
- Heavy Equipment Operations (E) [∞]
- Heating, Vent, Air Conditioning & Refrigeration (L) ⁺ [∞]
- HVACR Electrical (L) ⁺ [∞]
- Machine Operations (F, N) ⁺ [∞]
- Masonry (J) [∞]
- Plumbing (J) [∞]
- Sheet Metal (CB) ⁺ [∞]
- Welding (CB, F, N) ⁺ [∞]

Digital Technology

- Computer Science (F) [∞]
- Cybersecurity (J, VP) [∞]
- Game Design (CB, F, VP) [∞]
- Programming (CB) [∞]
- Web Development (C, VP) [∞]

Education

- Early Childhood Education (F, J) [□] [∞]
- Teaching as a Profession (C, CB, E, F, N, VP, W) [∞]

Energy & Natural Resources

- Forestry/Wildlife Systems (L) [∞]

Financial Services

- Financial Services (E) [∞]

Healthcare & Human Services

- Allied Health & Medicine (C, E, F, J, N, VP, W) [∞]
- Biotechnology Research & Development (N)
- Diagnostics/Phlebotomy Pathway (F, W) [∞]
- Emergency Medical Responder (C, F, J, N, W) [∞]
- Health Informatics/Health Information/Medical Office (C, W) [∞]
- Nutrition & Food Science (F, N) [∞]
- Patient Care (C, E, J) [∞]
- Personal Care Services-Cosmetology (L)
- Sports Nutrition (F)
- Therapeutic Services-Exercise Physiology (C, CB)
- Therapeutic Services-Mental Health Professional (CB, E, VP)
- Therapeutic Services-Sports Medicine (C, CB, N) [∞]
- Therapeutic Services-Surgical Technology (CB) [∞]

Hospitality, Events, & Tourism

- Baking & Pastry (L)
- Culinary Arts (L) [□]
- Hospitality, Recreation, Tourism (L, VP) [∞]
- Sports Entertainment (CB, N) [∞]

Management & Entrepreneurship

- Business & Technology (E,J) ⁺ [∞]

Marketing & Sales

- Fashion Merchandising/Retail Management (L) [∞]
- Marketing & Management (C,CB,F,N,W) [∞]
- Marketing Communications & Promotions (L,N,VP) ⁺ [∞]

Public Safety & Services

- Law Enforcement Services/Forensic Science (CB, L) [∞]
- Security & Protective Services (CB, L) [∞]
- Public Management & Administration (L) [∞]
- JROTC - Navy (E)

Supply Chain & Transportation

- General Automotive Technology (C, E) [∞]

WorkForce Ready

- WorkForce Ready (CB, E, L, N, W, VP)

School Legend

C = Chestatee, CB = Cherokee Bluff,
E = East Hall, F = Flowery Branch,
J = Johnson, L = LCCA, N = North Hall,
VP = Virtual Program of Choice,
W = West Hall

Pathway Legend

- Integrated credit can be earned upon completion of pathway.
- + Receives a fourth CTAE+ academic credit upon completion of pathway (meets graduation requirement and TCSG admissions ONLY)
- ∞ High Demand Career Pathway
- ▲ Construction Geometry can be earned upon completion of pathway.

Academic Career Pathways

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An Academic Career Pathway is a blend of Academic and CTAE courses aligned to Georgia's High Demand Career List, which provide a link between academic learning and hands-on CTAE application.

Social Studies + CTAE

AC - Financial Services Pathway (E)

World Language + CTAE

AC - Mental Health Professional Pathway (CB, E, VP)
AC - Teaching as a Profession Pathway (C, CB, E, F, N, VP, W)

English Language Arts + CTAE

AC - Audio-Video Technology & Film Pathway I-A (C, J, W)
AC - Audio-Video Technology & Film Pathway I-B (C, J, W)

Mathematics + CTAE

AC - Engineering & Technology Pathway (CB, F, N)

Fine Arts + CTAE

AC - Audio-Video Technology & Film Pathway I-C (W)
AC - Animation & Digital Media Pathway (CB)
AC - Graphic Design Pathway (C, F, W)

Science + CTAE

AC - Therapeutic Services Allied Health (C, E, F, J, N, VP, W)
AC - Veterinary Science (E, N)

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Technical College Certificates In Partnership with Lanier Technical College

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A Technical College Certificate is a series of courses where a student earns a credential that demonstrates specialized hands-on training for a specific job or career skill.

- Automotive Refinishing Asst. 1^L
- Basic Shielded Metal Arc Welder^L
- Criminal Justice^L
- Design & Media Production^L
- Diesel Electrical^L
- Early Childhood care & Education Basics^L
- Esthetics^L
- Gas Metal Arc Welder^L
- Industrial Electrician^L
- Prep Cook^L
- Salon & Spa Support^L
- Firefighter 1^L
- Nurse Aide (CNA)^{L, IN}

School Legend

L = Lanier College Career Academy
I = Ivester Early College
IN = Ivester North

Work-Based Learning Capstone Experience

Work-Based Learning Mission

The mission of the Work-Based Learning Program is to assist in providing a highly trained, technologically sophisticated and career oriented young work force. This is accomplished by developing partnerships between business, industry, students, parents, school systems, coordinators, and post-secondary institutions which will lead the participating students into meaningful careers.

Work-Based Learning works with every student's schedule.



Traditional School Schedule



Virtual School Schedule



Dual Enrollment Schedule