



Hall County Schools
2023-2024 CTAE Career Pathway Offerings*
FLOWERY BRANCH HIGH SCHOOL
hallco.org/web/ctae-pathway-charts/



AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture Mechanics Systems Pathway (L)

02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
01.42200 Agricultural Mechanics Technology II

Capstone Experience: **WBL Internship**

Agriculture Mechanics/Metal Fabrication Pathway (L)

02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
01.42400 Agricultural Metals Fabrication

Capstone Experience: **WBL Internship**

Agriculture Mechanics & Electrical Systems Pathway (L)

02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
01.42600 Agriculture Electricity and Electric Controls

Capstone Experience: **WBL Internship**

Forest Mechanical Systems Pathway (L)

02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
03.45100 Forest Science ^

Capstone Experience: **WBL Internship**

ARCHITECTURE & CONSTRUCTION

Heating, Vent, Air Conditioning & Refrigeration (L)

46.54500 Industry Fundamentals & Occupational Safety
47.41400 Introduction to HVACR Systems
47.41500 Heating, Ventilation, Air Cond. & Refrigeration

Capstone Experience: **WBL Internship**

HVACR Electrical Pathway (L)

46.54500 Industry Fundamentals & Occupational Safety
47.41400 Introduction to HVACR Systems
47.41600 Low Voltage Electrical

Capstone Experience: **WBL Internship**

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

Graphic Communications Pathway (F) H

48.56100 Introduction to Graphics and Design
48.56200 Graphic Design and Production
48.57000 Adv Graphic Output Processes

Capstone Experience: **WBL Internship**

Graphic Design Pathway (F) H

48.56100 Introduction to Graphics and Design
48.56200 Graphic Design and Production
48.52800 Advanced Graphic Design

Capstone Experience: **WBL Internship**

EDUCATION & TRAINING

Early Childhood Education Pathway (F) H

20.52810 Early Childhood Education I
20.42400 Early Childhood Education II - FY25
20.42500 Early Childhood Education III - FY24

Capstone Experience: **WBL Internship**

Plan ahead and complete more than one pathway and work to earn additional certifications!

HEALTH SCIENCE

Allied Health & Medicine Pathway (F) H

25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare «
25.43700 Allied Health & Medicine

Capstone Experience: **WBL Internship**

Diagnostics/Phlebotomy Pathway (F)

25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare «
25.57400 Diagnostics Phlebotomy

Capstone Experience: **WBL Internship**

Emergency Medical Responder Pathway (F)

25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare «
25.45000 Emergency Medical Responder

Capstone Experience: **WBL Internship**

HOSPITALITY & TOURISM

Culinary Arts Pathway (L) H

20.53100 Introduction to Culinary Arts
20.53210 Culinary Arts I
20.53310 Culinary Arts II

Capstone Experience: **WBL Internship**

Hospitality, Recreation & Tourism Pathway (L)

08.47400 Marketing Principles
08.45430 Hospitality, Recreation & Tourism Essentials H
08.45400 Hospitality, Recreation & Tourism Mgt H

Capstone Experience: **WBL Internship**

HUMAN SERVICES

Nutrition and Food Science (F)

20.41610 Food, Nutrition & Wellness
20.41400 Food for Life - FY25 ^
20.41810 Food Science - FY24 ^

Capstone Experience: **WBL Internship**

Personal Care Services-Cosmetology (L)

12.54400 Intro to Personal Care Services
12.41000 Cosmetology Services II
12.41100 Cosmetology Services III

Capstone Experience: **WBL Internship**

INFORMATION TECHNOLOGY

Computer Science Pathway (F) H

11.41500 Introduction to Digital Technology OR
11.44600 Introduction to Software Technology
11.47100 Comp Sci Principles ^ ~ OR
11.01900 AP Comp Sci Principles ^ ~
11.01600 AP Computer Science A - FY24 ^ ~

Capstone Experience: **WBL Internship**

INFORMATION TECHNOLOGY

Game Design Pathway (F) H

11.41500 Introduction to Digital Technology OR
11.44600 Introduction to Software Technology
11.47100 Comp Sci Principles ^ ~ OR
11.01900 AP Comp Sci Principles ^ ~
11.42900 Game Design: Anim & Simulation - FY25 ^ ~

Capstone Experience: **WBL Internship**

MARKETING

Marketing & Management (F)

08.47400 Marketing Principles
08.44100 Marketing & Entrepreneurship H
08.44200 Marketing & Management H

Capstone Experience: **WBL Internship**

Marketing Communications & Promotions (F)

08.47400 Marketing Principles
08.45100 Promotional and Digital Marketing
08.45200 Integrated Marketing Communications

Capstone Experience: **WBL Internship**

MANUFACTURING

Sheet Metal Pathway (F)

46.54500 Occupational Safety and Fundamentals
48.58100 Introduction to Metals
48.58200 Sheet Metal I

Capstone Experience: **WBL Internship**

Welding Pathway (F)

46.54500 Occupational Safety and Fundamentals
48.58100 Introduction to Metals
48.55100 Welding I

Capstone Experience: **WBL Internship**

SCIENCE, TECH, ENGINEERING & MATHEMATICS

Engineering Drafting & Design Pathway (F)

48.54100 Intro to Drafting & Design
48.54200 Survey of Engineering Graphics
48.54300 3D Modeling and Analysis

Capstone Experience: **WBL Internship**

Engineering & Technology Pathway (F) H

21.42500 Foundations of Engineering/Technology
21.47100 Engineering Concepts
21.47200 Engineering Applications

Capstone Experience: **WBL Internship**

WORKFORCE READY

Workforce Ready Pathway (F)

32.43000 Introduction to Career Competencies
32.43100 Career Competencies
32.43200 Advanced Career Competencies

Capstone Experience: **WBL Internship**



SCHOOL LOCATIONS

F = Flowers Branch High School

L = Lanier College Career Academy**

** Transportation is provided for students from students' home school to attend the speciality programs at LCCA. Please see your counselor for additional information.

PATHWAY REQUIREMENTS

* To fulfill the state pathway requirements, students must complete the **three** courses shown in the pathway and take the COV (Credentials of Value assessment) where available. If successful, students will earn an industry credential.

H Honors Pathway Available

CAPSTONE EXPERIENCE FOR ALL PATHWAYS

www.hallcowbl.org

Work-Based Learning (WBL)^H internship opportunities are available in ALL career cluster areas. Please see your school's WBL Coordinator/Career Specialist for additional information.



Begin **TODAY** planning for **TOMORROW!**

^ Meets 4th Science requirement; approved by Board of Regents.
~ Meets 4th Math or World Language requirement for high school graduation.
Two Computer Science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG Admissions.
H Integrated credit can be earned upon completion of pathway.
« Embedded credit earned upon completion of course.