



FLOWERY BRANCH HIGH SCHOOL CTAE CAREER PATHWAY OFFERINGS



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

Start preparing for the future now! Make the connection between learning and the real world.

Career Technology courses will help answer three key questions:

What am I learning?

Why am I learning it?

How am I going to use it?

Whatever your plans may be after high school, Career Technology courses and Career Pathways will give you a head start and help build the foundation in many technical and professional careers.

Don't Delay! Prepare for YOUR Future Now!

See the *reverse* of this document for pathway offerings at your school. ➡

SCHOOL LOCATIONS

F = Flowery Branch

L = Lanier College &
Career Academy

** Transportation is provided for all students from students' home school to attend the speciality programs at LCCA or students can provide their own transportation.

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 (reverse of this page) and take the Credentials of Value assessment (COV) where available.

If successful on the COV, students will earn an industry credential.

H = Honors Pathway
Available

CAPSTONE EXPERIENCE

Work-Based Learning
(WBL) ^H Internship

A valuable, hands-on opportunity available in ALL career areas.

Please see your school's Workforce Development Coordinator for additional information.

www.hallcowbl.org



Scan for details on each pathway!

Legend for Reverse of this Document

- ^ 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.
- ⌘ Integrated credit can be earned upon completion of pathway.
- « Embedded credit earned upon completion of course.
- + Receives a fourth CTAE+ academic credit upon completion of pathway (meets graduation requirement and TCSG admissions ONLY).
- ▲ Construction Geometry can be earned upon completion of pathway.

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2026-2027 CTAE CareerPathway Offerings
Flowery Branch High School



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



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

ADVANCED MANUFACTURING

Engineering & Technology ^H (F) +

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

Capstone Experience: WBL Internship

Machining Operations (F) +

46.54500 Industry Fundamentals & Occupational Safety
48.58100 Introduction to Metals
48.59000 Machining Operations I

Capstone Experience: WBL Internship

AGRICULTURE

Agricultural Mechanics & Electrical Systems (L) +

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

Capstone Experience: WBL Internship

Agricultural Mechanics/Metal Fabrication (L)

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

Capstone Experience: WBL Internship

Agricultural Mechanics Systems (L) +

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

Capstone Experience: WBL Internship

Forest Mechanical Systems (L)

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

Capstone Experience: WBL Internship

ARTS, ENTERTAINMENT, AND DESIGN

Graphic Communications ^H (F) +

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 ^H (F)

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

Capstone Experience: WBL Internship

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 (L) +

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

Capstone Experience: WBL Internship

Welding (F) +

46.54500 Industry Fundamentals & Occupational Safety
48.58100 Introduction to Metals
48.55100 Welding I

Capstone Experience: WBL Internship

DIGITAL TECHNOLOGY

Computer Science ^H (F)

11.44600 Introduction to Software Technology ^{*}
11.47100 Computer Science Principles [^] ~ **OR**
11.01900 AP Computer Science Principles [^] ~ ^{*}
11.01600 AP Computer Science A [^] ~

Capstone Experience: WBL Internship

Game Design ^H (F)

11.44600 Introduction to Software Technology
11.47100 Computer Science Principles [^] ~ **OR**
11.01900 AP Computer Science Principles [^] ~
11.42900 Game Design: Animation and Simulation [^] ~

Capstone Experience: WBL Internship

EDUCATION

Early Childhood Education (F) [□]

20.52810 Early Childhood Education I
20.42400 Early Childhood Education II
20.42500 Early Childhood Education III

Capstone Experience: WBL Internship

Teaching As A Profession ^H (F)

13.01100 Examining the Teaching Profession
13.01200 Contemporary Issues in Education
13.01300 Teaching as a Profession Practicum

Capstone Experience: WBL Internship

ENERGY & NATURAL RESOURCES

Forestry/Wildlife Systems (L)

02.47100 Basic Agricultural Science
03.45100 Forest Science ^A
03.45300 Wildlife Management

Capstone Experience: WBL Internship

HEALTHCARE & HUMAN SERVICES

Diagnostics/Phlebotomy Pathway ^H (F)

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

Capstone Experience: WBL Internship

Allied Health & Medicine ^H (F)

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

Capstone Experience: WBL Internship

Emergency Medical Responder ^H (F)

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

Capstone Experience: WBL Internship

Nutrition and Food Science (F)

20.41610 Food, Nutrition & Wellness
20.41400 Food for Life ^A
20.41810 Food Science ^A

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

Sports Nutrition Pathway (F)

20.41610 Food, Nutrition & Wellness
20.41400 Food for Life
20.41900 Sports Nutrition

Capstone Experience: WBL Internship

HOSPITALITY, EVENTS & TOURISM

Baking & Pastry (L)

20.53100 Introduction to Culinary Arts
20.53610 Baking & Pastry I
20.53710 Baking & Pastry II

Capstone Experience: WBL Internship

Culinary Arts (L) [□]

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

Capstone Experience: WBL Internship

Hospitality, Recreation & Tourism (L)

08.47400 Marketing Principles
08.45300 Hospitality, Recreation & Tourism Essentials ^H
08.45400 Hospitality, Recreation & Tourism Management ^H

Capstone Experience: WBL Internship

MARKETING & SALES

Fashion Merchandising/Retail Mgmt (L)

08.47400 Marketing Principles
08.42100 Fashion, Merch & Retailing Essentials
08.42200 Advanced Fashion, Merch & Retailing

Capstone Experience: WBL Internship

Marketing & Management (F)

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

Capstone Experience: WBL Internship

Marketing Communications & Promotions (L) +

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

Capstone Experience: WBL Internship

PUBLIC SERVICE & SAFETY

Public Management & Administration (L)

29.41000 Intro to Government & Public Admn «
29.41100 Gov Public Admn: State & Fed Issues «
29.41200 Gov Public Admn: Local & State Issues «

Capstone Experience: WBL Internship

Law Enforcement Services/ Forensic Science (L)

43.45000 Intro to Law/Public Safety/Corrections/Security
43.45100 Criminal Justice Essentials
43.45200 Forensic Science & Criminal Investigations ^A

Capstone Experience: WBL Internship

Security & Protective Services (L)

43.45000 Intro to Law/Public Safety/Corrections/Security
43.45100 Criminal Justice Essentials
43.45800 Security and Protective Services

Capstone Experience: WBL Internship

