

## AGRICULTURE, FOOD & NATURAL RESOURCES

**Agriculture Leadership in Animal Production (N)**  
02.47100 Basic Agricultural Science and Technology  
02.42100 Animal Science & Biotechnology  
01.41200 Agribusiness Management and Leadership  
**Capstone Experience: WBL Internship**

**Animal/Mechanical Systems (N)**  
02.47100 Basic Agricultural Science and Technology  
01.42100 Agricultural Mechanics Technology I  
01.43200 Agricultural Animal Production and Mgt  
**Capstone Experience: WBL Internship**

**Agricultural Mechanics Pathway (L)**  
02.47100 Basic Agricultural Science and Technology  
01.42100 Agricultural Mechanics Technology I  
01.42200 Agricultural Mechanics Technology II  
**Capstone Experience: WBL Internship**

**Agricultural Mechanics/Metal Fabrication Pathway (L, N)**  
02.47100 Basic Agricultural Science and Technology  
01.42100 Agricultural Mechanics Technology I  
01.42400 Agricultural Metals Fabrication  
**Capstone Experience: WBL Internship**

**Food Animal Systems (N)**  
02.47100 Basic Agricultural Science and Technology  
02.42100 Animal Science & Biotechnology  
01.43200 Agricultural Animal Production and Mgt  
**Capstone Experience: WBL Internship**

**Horticulture & Animal Systems Pathway (E)**  
02.47100 Basic Agricultural Science and Technology  
01.46100 General Horticulture and Plant Science  
02.42100 Animal Science/Biotechnology  
**Capstone Experience: WBL Internship**

**Veterinary Science Pathway (E, N)**  
02.47100 Basic Agricultural Science and Technology  
02.42100 Animal Science & Biotechnology  
02.42400 Veterinary Science  
**Capstone Experience: WBL Internship**

## ARCHITECTURE & CONSTRUCTION

**Carpentry Pathway (C, J, L, W)**  
46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
46.55000 Carpentry I  
**Capstone Experience: WBL Internship**

**Electrical Pathway (C, J, W)**  
46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
46.56000 Electrical I  
**Capstone Experience: WBL Internship**

**Plumbing Pathway (J)**  
46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
45.58000 Plumbing I  
**Capstone Experience: WBL Internship**



## ARCHITECTURE & CONSTRUCTION

**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**

**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**

## ARTS, AV TECHNOLOGY & COMMUNICATIONS

**Audio-Video Technology/Film I Pathway (C, J, W)**  
10.51810 Audio-Video Technology Film I  
10.51910 Audio-Video Tech Film II  
10.52010 Audio-Video Tech Film III  
**Capstone Experience: WBL Internship**

**Audio-Video Technology & Film II Pathway (C, J, W)**  
10.51810 Audio-Video Technology Film I  
10.51910 Audio-Video Tech Film II  
10.51410 Broadcast Video Applications  
**Capstone Experience: WBL Internship**

**Graphic Communications Pathway (E, F, J, W) 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 (C, E, F, J, W) H**  
48.56100 Introduction to Graphics and Design  
48.56200 Graphic Design and Production  
48.52800 Advanced Graphic Design  
**Capstone Experience: WBL Internship**

## BUSINESS, MANAGEMENT & ADMINISTRATION

**Business & Technology Pathway (E, J)**  
07.44130 Intro to Business and Technology  
07.44100 Business & Technology  
07.45100 Business Communications  
**Capstone Experience: WBL Internship**

**Entrepreneurship Pathway (E, N)**  
07.44130 Intro to Business and Technology  
06.41500 Legal Environment of Business  
06.41600 Entrepreneurship  
**Capstone Experience: WBL Internship**

## EDUCATION & TRAINING

**Early Childhood Education Pathway (F, J, N)**  
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 Pathway (C, N, W) H**  
13.01100 Examining the Teaching Profession  
13.01200 Contemporary Issues in Education  
13.01300 Teaching as a Profession Practicum  
**Capstone Experience: WBL Internship**

## GOVERNMENT & PUBLIC ADMINISTRATION

**JROTC Naval Science Pathway (E)**  
28.02100 Cadet Field Manual  
28.02200 Introduction to NJROTC  
28.02300 Maritime History  
**Capstone Experience: WBL Internship**

## HEALTH SCIENCE

**Allied Health & Medicine Pathway (C, E, F, J, N, W) H**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.43700 Allied Health & Medicine  
**Capstone Experience: WBL Internship**

**Biotechnology Research & Development (N) H**  
25.52100 Introduction to Healthcare Science  
25.57000 Essentials of Biotechnology  
25.56900 Applications of Biotechnology  
**Capstone Experience: WBL Internship**

**Diagnostics/Phlebotomy Pathway (CB, F)**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.57400 Diagnostics Phlebotomy  
**Capstone Experience: WBL Internship**

**Emergency Medical Responder (C, J, N, W)**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.45000 Emergency Medical Responder  
**Capstone Experience: WBL Internship**

**Patient Care Pathway (C, E, J)**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.43600 Patient Care Fundamentals  
**Capstone Experience: WBL Internship**

**Therapeutic Services-Exercise Physiology (C, CB)**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.45400 Fundamentals of Exercise Physiology  
**Capstone Experience: WBL Internship**

**Therapeutic Services-Pharmacy Pathway (W)**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.45300 Pharmacy Operations & Fundamentals  
**Capstone Experience: WBL Internship**

**Therapeutic Services-Sports Medicine (C, CB, F, E, N) H**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.44600 Sports Medicine  
**Capstone Experience: WBL Internship**

**Therapeutic Services-Surgical Technology (CB) H**  
25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare  
25.44700 Surgical Technician I  
**Capstone Experience: WBL Internship**

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

## SCHOOL LOCATIONS

C = Chestatee  
CB = Cherokee Bluff  
E = East Hall  
F = Flowery Branch  
J = Johnson  
N = North Hall  
W = West Hall  
L = Lanier College Career Academy

## PATHWAY REQUIREMENTS

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

H Honors pathway available.

## CAPSTONE EXPERIENCE FOR ALL PATHWAYS

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



**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 lay the foundation in many technical and professional careers.

**Don't Delay! Prepare for YOUR Future Now!**

## HOSPITALITY & TOURISM

### Culinary Arts Pathway (L)

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  
08.45300 Hospitality, Recreation & Tourism Essentials  
08.45400 Hospitality, Recreation & Tourism Management

**Capstone Experience: WBL Internship**

## HUMAN SERVICES

### Nutrition and Food Science (F, N)

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

**Capstone Experience: WBL Internship**

### Personal Care Services-Cosmetology Pathway (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 (C, CB, N) <sup>H</sup>

11.41500 Introduction to Digital 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 Pathway (CB, F, J) <sup>H</sup>

11.41500 Introduction to Digital Technology  
11.47100 Computer Science Principles

OR

11.01900 AP Computer Science Principles  
11.42900 Game Design: Animation and Simulation

**Capstone Experience: WBL Internship**

### Programming Pathway (F, J) <sup>H</sup>

11.41500 Introduction to Digital Technology  
11.47100 Computer Science Principles

OR

11.01900 AP Computer Science Principles  
11.47200 Program, Games, Apps & Society

**Capstone Experience: WBL Internship**



## INFORMATION TECHNOLOGY

### Web & Digital Design Pathway (F, N)

11.41500 Introduction to Digital Technology  
11.45100 Digital Design  
11.45200 Web Design

**Capstone Experience: WBL Internship**

### Web Development Pathway (C) <sup>H</sup>

11.41500 Introduction to Digital Technology  
11.47100 Comp Sci Principles or 11.01900 AP Comp Sci Prin  
11.42500 Web Development

## LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

### Law Enforcement Services/Forensic Science (CB)

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

**Capstone Experience: WBL Internship**

### Security & Protective Services Pathway (CB)

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

**Capstone Experience: WBL Internship**

## MANUFACTURING

### Machine Operations Pathway (N)

46.54500 Industry Fundamentals & Occupational Safety  
48.58100 Introduction to Metals  
48.59100 Machining Operations I

**Capstone Experience: WBL Internship**

### Manufacturing Pathway (W)

21.44100 Foundations of Manufacturing & Materials Science  
21.44500 Robotics and Automated Systems  
21.44400 Production Enterprises

**Capstone Experience: WBL Internship**

### Sheet Metal Pathway (CB, F)

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

**Capstone Experience: WBL Internship**

### Welding Pathway (CB, F, N)

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

**Capstone Experience: WBL Internship**

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

## MARKETING

### Fashion Mktg Pathway (N)

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

**Capstone Experience: WBL Internship**

### Marketing & Management Pathway (C, CB, F, W)

08.47400 Marketing Principles  
08.44100 Marketing & Entrepreneurship  
08.44200 Marketing & Management

**Capstone Experience: WBL Internship**

### Marketing Comm & Promotions Pathway (F, L, N)

08.47400 Marketing Principles  
08.45100 Promotion and Professional Sales  
08.45200 Marketing Communications Essentials

**Capstone Experience: WBL Internship**

### Sports & Entertainment Mktg Pathway (CB, N)

08.47400 Marketing Principles  
08.47800 Intro to Sports & Entertainment Marketing  
08.48500 Advanced Sports & Entertainment Marketing

**Capstone Experience: WBL Internship**

## SCIENCE, TECH, ENGINEERING & MATHEMATICS

### Engineering & Technology Pathway (CB, F, N) <sup>H</sup>

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

**Capstone Experience: WBL Internship**

### Engineering Drafting & Design Pathway (CB, F)

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

**Capstone Experience: WBL Internship**

## TRANSPORTATION, DISTRIBUTION & LOGISTICS

### General Automotive Technology (C,E)

47.45000 Automotive Technologies 1  
47.45100 Automotive Technologies 2  
47.45200 Automotive Technologies 3

**Capstone Experience: WBL Internship**

## WORKFORCE READY

### Workforce Ready Pathway

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

**Capstone Experience: WBL Internship**

## SCHOOL LOCATIONS

C = Chestatee  
CB = Cherokee Bluff  
E = East Hall  
F = Flowery Branch  
J = Johnson  
N = North Hall  
W = West Hall  
L = Lanier College Career Academy

## PATHWAY REQUIREMENTS

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

<sup>H</sup> Honors pathway available.

## CAPSTONE EXPERIENCE FOR ALL PATHWAYS

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

