

AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture Leadership in Animal Production (N)
02.47100 Basic Agricultural Science
02.42100 Animal Science & Biotechnology ^
01.41200 Agribusiness Management and Leadership - FY23
Capstone Experience: WBL Internship

Animal/Mechanical Systems (N)
02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
01.43200 Agricultural Animal Production and Mgt - FY23
Capstone Experience: WBL Internship

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 & Electrical Systems Pathway (L)
02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
01.42600 Agricultural Electricity and Electric Controls
Capstone Experience: WBL Internship

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

Food Animal Systems (N)
02.47100 Basic Agricultural Science
02.42100 Animal Science & Biotechnology ^
01.43200 Agricultural Animal Production and Mgt - FY23
Capstone Experience: WBL Internship

Forest Mechanical Systems (L)
02.47100 Basic Agricultural Science
01.42100 Agricultural Mechanics Technology I
03.45100 Forest Science ^
Capstone Experience: WBL Internship

Horticulture & Animal Systems Pathway (E)
02.47100 Basic Agricultural Science
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
02.42100 Animal Science & Biotechnology ^
02.42400 Veterinary Science - FY24
Capstone Experience: WBL Internship

Plant & Floral Design Systems Pathway (E)
02.47100 Basic Agricultural Science
01.46100 General Horticulture and Plant Science ^
02.46600 Floral Design & Management - FY23
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

ARCHITECTURE & CONSTRUCTION

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

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

Animation and Digital Media Pathway (CB)
48.42100 Introduction to Digital Media
48.42200 Principles and Concepts of Animation
48.42300 Advanced Animation, Game and app Design
Capstone Experience: WBL Internship

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) ^
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) ^
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
06.41610 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 (N, W) ^
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

Public Management & Administration Pathway (CB, L)
29.41000 Introduction to Government & Public Administration ^
29.41100 Government Public Admin: State & Federal Issues ^
29.41200 Government Public Admin: Local & State Issues ^
Capstone Experience: WBL Internship

HEALTH SCIENCE

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

Biotechnology Research & Development (N) ^
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 (VP, W) ^
25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare ^
25.45300 Pharmacy Operations & Fundamentals
Capstone Experience: WBL Internship

Therapeutic Services-Public Health (VP)
25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare ^
25.45200 Applications of Public Health
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
VP = Virtual Program of Choice

PATHWAY REQUIREMENTS

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

^ 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.



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.
^ Integrated credit can be earned upon completion of pathway.
^ Embedded credit earned upon completion of course.

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 helps build the foundation in many technical and professional careers.

Don't Delay! Prepare for YOUR Future Now!

HEALTH SCIENCE

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

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 (L, VP)
08.47400 Marketing Principles
08.45300 Hospitality, Recreation & Tourism Essentials ^H
08.45400 Hospitality, Recreation & Tourism Management ^H
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, F, N, VP, W) ^H
11.41500 Introduction to Digital Technology **OR**
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

Cybersecurity Pathway (J)
11.41500 Introduction to Digital Technology **OR**
11.44800 Introduction to Hardware Technology
11.48100 Introduction to Cybersecurity
11.48200 Advanced Cybersecurity
Capstone Experience: WBL Internship

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

INFORMATION TECHNOLOGY

Game Design Pathway (F, J, VP) ^H
11.41500 Introduction to Digital Technology **OR**
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

Programming Pathway (CB, VP) ^H
11.41500 Introduction to Digital Technology **OR**
11.44600 Introduction to Software Technology
11.47100 Computer Science Principles ^ ~ **OR**
11.01900 AP Computer Science Principles ^ ~
11.47200 Program, Games, Apps & Society ^ ~
Capstone Experience: WBL Internship

Web & Digital Design Pathway (F, N)
11.41500 Introduction to Digital Technology **OR**
11.44600 Introduction to Software Technology
11.45100 Digital Design
11.45200 Web Design
Capstone Experience: WBL Internship

Web Development Pathway (C, CB) ^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 Prin ^ ~
11.42500 Web Development ^ ~
Capstone Experience: WBL Internship

LAW, PUBLIC SAFETY, CORRECTIONS & 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

MANUFACTURING

Welding Pathway (CB, F, N)
46.54500 Industry Fundamentals & Occupational Safety
48.58100 Introduction to Metals
48.55100 Welding I
Capstone Experience: WBL Internship

MARKETING

Fashion Mktg Pathway (N)
08.47400 Marketing Principles
08.42100 Fashion, Merchandising & Retailing Essentials - FY23
08.42200 Advanced Fashion, Merchandising & Retailing - FY24
Capstone Experience: WBL Internship

Marketing & Management Pathway (C, CB, F, W)
08.47400 Marketing Principles
08.44100 Marketing & Entrepreneurship ^H
08.44200 Marketing & Management ^H
Capstone Experience: WBL Internship

Marketing Comm & Promotions Pathway (F, L, N)
08.47400 Marketing Principles
08.45100 Promotional and Digital Marketing
08.45200 Integrated Marketing Communications
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) ^H
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 (CB, E, F, L, N, W)
32.43000 Introduction to Career Competencies
32.43100 Career Competencies
32.43200 Advanced Career Competencies
Capstone Experience: WBL Internship

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