Calhoun County
CAREER ACADEMY

RESPONSIBILITY. INTEGRITY. TEAMWORK.

CCCA Course Catalog

2026-2027

Additive Manufacturing - Hollie Bonds

GSCC DE Course
Cluster: Manufacturing
Program: Additive Manufacturing

Course Sequence:

1st Year			**College Course #**
Fall	13999C1083	Blueprint Reading	MDT 100
Fall	17999C1024	Intro AutoCAD	MDT 105
Spring	17999C1028	AutoCAD	MDT 146
Spring	17999C1029	SolidWorks	MDT 202
2nd Year			
Fall	21999C1009	Applied Engineering(Engineering Tech)	CET 101/EET 100
Fall	17999C1034	Inventor CADD (Basic 3d modeling)	MDT 147
Spring	17999C1025	Mechanical Drawing	MDT 111
Spring	17999C1001	Architectural Drawing	MDT 122
3rd year			
Fall	17999C1023	Advanced Inventor(advanced 3d modeling)	MDT 187
Fall	17999C1003	Advanced Mechanical Drawing	MDT 211
Spring	17999C1035	Advanced SolidWorks	MDT 252
Spring	21104G1000	Structural Weld Designs	MDT 271

**Course sequence provided by Hollie Bonds, GSCC

Automotive Technology - Kevin Kazanjian

Cluster: Transportation, Distribution & Logistics
Program: Automotive Technology

Course Sequence:

1st Year

Fall	**20104G1011**	**Automotive Technology Foundations***
Spring	20104G1012	Automotive Brake, Suspension &v Steering I

2nd Year

Fall	20104G1013	Automotive Electrical Components I
Spring	20104G1014	Automotive Engine Repair & Performance I

3rd Year

Fall	20104G1015	Automotive Brake, Suspension & Steering II
Spring	20997G1001	CTE Lab in Transportation, Distribution & Logistics*

(this course may have to be added for 25-26)

***Required Foundations course**
https://www.alabamaachieves.org/wp-content/uploads/2024/12/CTE_20241231_TDL-Program-Guide-25-26_V1.0.pdf

Collision Repair

Cluster: Transportation, Distribution & Logistics
Program: Collision Repair

Course Sequence:

1st Year

Fall	20116G1035	Non-Struct. Anal. & DR I
Spring	20116G1013	Painting & Refinishing I

2nd Year

Fall	20116G1023	Painting & Refinishing II
Spring	20116G1036	Non-Struct. Welding, Cutting & Joining

3rd Year

Fall	20105G1012	Mechanical & Electrical Components I
Spring	20997G1001	CTE Lab in Transportation, Distribution & Logistics

Program aligned with program guide - suggested guide - Foundation course not *REQUIRED*

https://www.alabamaachieves.org/wp-content/uploads/2024/12/CTE_20241231_TDL-Program-Guide-25-26_V1.0.pdf

Construction Technology - Brad Hood

Cluster: Architecture & Construction
Program: Construction Technology

Course Sequence:

1st Year

Fall	**17002G1002**	**Architecture & Construction Foundations***
Spring	17002G1003	Construction Building Systems

2nd Year

Fall	17011G1001	Construction Finishing
Spring	17002G1010	Residential Building

3rd Year

Fall	12002G1003	Project Management
Spring	17047G1001	Career Pathway Project– Arch & Constr

***Foundations course- Arch & Construction Foundations - NOT REQUIRED**

Cosmetology - Sherry Laster/Taleah Borders

Course Sequence:

1st Year

Fall	**19101G1001**	**Cosmetology Fundamentals***
Spring	19103G1005	Natural Hairstyling

2nd Year

Fall	19103G1002	Chemical Services
Spring	19103G1001	Hair Coloring

3rd Year

Fall	19107G1003	Salon Practices & Management
Spring	19147G1005	CTE Lab in Project in Cosmetology & Barbering

***Foundations course - Required**

https://www.alabamaachieves.org/wp-content/uploads/2025/05/CTE_20250530_Cosmetology-Program-Guide-25-26_V2.0.pdf

Cluster: Hospitality & Tourism
Program: Food & Beverage Services

Culinary Arts - Kasie Hairrell/Aleta Graham

Course Sequence:

1st Year		
Fall	**16001G1001**	**Intro to Hospitality & Tourism***
Spring	16053G1012	Culinary Arts I
2nd Year		
Fall	16053G1022	Culinary Arts II
Spring	16056G1000	Baking & Pastry Arts
3rd Year		
Fall	16202G1001	Event Planning & Management
Spring	12159G1001	Hospitality Management & Marketing

***Foundations course- not REQUIRED**

https://www.alabamaachieves.org/wp-content/uploads/2024/03/CTE_20240724_Hospitality-and-Tourism-Program-Guide-2024-2025_V1.0.pdf

Fire Science - Greg Poole

Cluster: Law, Public Safety, Corrections & Security Cluster
Program: Emergency and Fire Management

Course Sequence:

Junior/Senior Year

Fall	15151G1001	Fire Science I
Spring	15151G1000	Fire Science II

*We only have two courses in this program. Students do not earn completer status through Fire.

*Fire is open to 11th and/or 12th grade students.

https://www.alabamaachieves.org/wp-content/uploads/2025/06/CTE_20250604_LPSCS-Program-Guide-25-26_V2.0.pdf

JAG

Course Sequence:

1st Year		
Fall	22152G1015	JAG I
Spring	22152G1025	JAG II
2nd Year		
Fall	22152G1035	JAG III
Spring	22152G1045	JAG IV
3rd Year		
Fall	22152G1055	JAG V
Spring	22152G1065	JAG VI

Health Science - Heather Carden/ Kristen Waddell

Cluster: Health Science
Program: Health Science

Course Sequence:

1st year(effective 25-26)		
Fall	**14002G1001**	**Foundations of Health Science***
Spring	14154G1000	Medical Terminology
2nd year		
Fall	14299G1001	Human Body Structures & Functions
Spring	14149G1000	Diagnostic Services
3rd Year		
Fall	14099G1000	Therapeutic Services
Spring	14298G1000	Health Science Internship

** Students must pass at least 2 Health Science courses to be eligible for senior credential classes.*
*** Students who fail a course must repeat that course before moving forward in the program.*
****Students must maintain a 75 grade point average or higher to remain in the program.*

Foundations course - REQUIRED

https://www.alabamaachieves.org/wp-content/uploads/2025/06/CTE_20250604_LPSCS-Program-Guide-25-26_V2.0.pdf

Modern Manufacturing - Verna Seals - **Need a 3 year program for 10-12 graders

Cluster: Manufacturing
Program: Modern Manufacturing Center of Excellence

Course Sequence: This course will have a new sequence for 25-26. Moving to Modern Manufacturing Center of Excellence. (courses being realigned as of June 2025)

1st Year

Fall	22152G1002 (13101G1061)	Basics of Manufacturing COE 1
Spring	22152G1003	Basics of Manufacturing COE 2

2nd Year

Fall	22152G1004	Basics of Manufacturing COE 3
Spring		Advanced Manufacturing COE

(course name and # to be finalized)

Precision Machining - Jonathan Williams

Cluster: Manufacturing
Program: Precision Machining

Course Sequence:

1st Year

Fall	**17049G1000**	**Safety & Health Regulations***
Spring	13204G1002	Intro to Lathe

2nd Year

Fall	13203G1008	Milling and Surface Grinder I
Spring	13203G1006	CNC I

3rd Year

Fall	13203G1007	CNC II
Spring	13203G1004	CAD/CAM I

***Foundations course - not REQUIRED**

https://www.alabamaachieves.org/wp-content/uploads/2024/08/CTE_20240826_Manufacturing-Program-Guide-24-25_V2.0.pdf

Cluster: Architecture & Construction
Program: Welding

Welding - Donavon Fair/Phillips

Course Sequence:

1st Year		
Fall	**17002G1002**	**Architecture & Construction Foundations**
Spring	13207G1001	Welding: SMAW I
2nd Year		
Fall	13207G1002	Welding: SMAW II
Spring	17049G1000	Safety and Health Regulations
3rd Year		
Fall	17049G1000	Welding: GMAW and FCAW
Spring	17047G1001	Career Pathway Project– Arch & Constr.

*Extra courses (bc of adjusted program guides - CTE Lab)

***Foundations course- not REQUIRED**

https://www.alabamaachieves.org/wp-content/uploads/2025/05/CTE_20250530_Architecture-and-Construction-Program-Guide-25-26_V2.0.pdf

EMT

Course Sequence:

1st Year

Fall	14999C1002	EMERGENCY MEDICAL RESPONDER
Spring	14999C0502	CPR BASIC FIRST AID
	14999C0505	EMERGENCY MED TECHNICIAN CLINICAL

Academics - Kelli Lloyd

Semester 1

English 12 - 01004G1000

Semester 2

Government - 04151G0500

Economics - 04201G0500

GSCC - Dual Enrollment programs - May 1 deadline

- **EMT**
  - Requirements: 11th -12th grades
  - GPA 2.0
  - Application
  - AM & PM sessions
- **Diesel Technology**
  - Requirements: 12th grade
  - Age: 18 by June 1 of 12th grade
  - GPA: 2.0
  - Application
  - PM session only
- **Mechatronics**
  - Requirements: 10th-12th grade
  - GPA 2.0
  - Application
  - Classes meet at Ayers/Gadsden campus
  - AM & PM sessions
- Precision Machining
  - Requirements: 11th -12th grades
  - GPA 2.0
  - Application
  - AM & PM sessions
- Welding
  - Requirements: 11th -12th grades
  - GPA 2.0
  - Application
  - AM & PM sessions

Cooperative Learning

Course Code: 22998G1014

1 and 11 - Alexandria

2 and 22 - EXCEL

3 and 33 - Ohatchee

4 and 44 - Pleasant Valley

5 and 55 - Saks

6 and 66 - Weaver

7 and 77 - Wellborn

8 and 88 - White Plains

Co-Op Internship Course Codes:

19148G1001 - Cosm and Barbering (Human Services) (Cosmetology)

21998G1050 - STEM (Engineering and Technology)

20998G1050 - TDL (Transportation, Distribution and Logistics)(Auto and Collision Cluster)

12198G1050 - Marketing (Business and Marketing) (Some Business)

13998G1050 - Manufacturing (Modern and Additive)

10998G1050 - IT (Information Technology)

16998G1050 - Hospitality and Tourism (Culinary)

19998G1050 - Human Services (Possibly FACS)

15998G1050 - LPSCS (Public, Protective, and Government Services)

12148G1050 - Finance (Business and Marketing) (WP Business, possibly other)

12098G1050 - BMA (Business and Marketing) (Some Business)

11998G1050 - Arts, A-V Tech, and Comm (Communication and Audio/Visual Tech

17998G1050 - Architecture and Construction (Construction and Welding)

18998G1050 - AFNR (Agriculture, Food, and Natural Resources) (Ag)