2024-2025 CATALOG ADDENDUM

Central Alabama Community College (CACC) reserves the right to make changes in the offerings and regulations announced in publications as circumstances may require. Every reasonable effort has been made to present information, at the time of publication, that accurately describes the curriculum and the regulations and requirements of the College; however, no responsibility is assumed for editorial or publication errors. Statements in the catalog do not establish contractual relationships and the College reserves the right to make changes as required in course offerings, curricula, academic policies, and other rules and regulations affecting students, to be effective whenever determined by the College. These changes will govern currently and formerly enrolled students. The current and latest edition of the catalog along with any addendums may be found on the College website, www.cacc.edu. Enrollment of all students is subject to these conditions.

This Addendum is an addition to the Catalog and is to be used alongside the Catalog, not in isolation. Changes listed in the Catalog Addendum supersede the published Catalog.

Catalog changes included in this Addendum are listed below:

Other Charges, Fines and Fees

Catalog Page Reference: Page 97
Effective Date: January 21, 2025
Summary of Changes: *Diploma Fee for Previous Years – the cost for a replacement fee has been reduced from $50.00 to $25.00*

Diploma Fee (nonrefundable)	$ 25.00
Diploma Fee for Previous Years (nonrefundable) *Note: Diplomas for previous years will be printed bearing current administration names only.*	$ 25.00

Withdrawals and Refunds

Catalog Page Reference: Page 103
Effective Date: October 1, 2024
Summary of Changes: *Applying refunds for credit card payments*

WITHDRAWALS AND REFUNDS

Students may withdraw from a class by logging into the OneACCS / MyCACC portal. Official withdrawal forms for complete withdrawals may be obtained on the website under the Student tab. Students needing assistance can contact the Office of Student Services by e-mailing student-services@cacc.edu. The refund of tuition and fees is computed according to the date on the withdrawal request. Student accident insurance and malpractice insurance are non-refundable after the first day of the semester.

Refunds are processed three to six weeks after the first day of the semester. ~~Refunds are issued by direct deposit (e-refunds) if account information has been setup in OneACCS / MyCACC. If e-refund setup has not been completed, a paper check will be mailed to the student's mailing address on file.~~ When an account is overpaid, refunds for credit card payments will be issued exclusively to the original card used for the transaction. Any amount exceeding the card payment will be refunded to the direct deposit account listed in the student's profile. If direct deposit has not been set up, a paper check will be mailed to the student's mailing address on file.

Students who are active members of the Alabama National Guard or reservists or who are active duty military who are called to active duty by executive order of the President of the United States or a State Governor in the time of national crisis may receive a full refund of tuition and other appropriate institutional charges at the time of withdrawal. If a National Guard student is receiving Title IV funding, a re-calculation must be performed as required by Federal Title IV regulations, which could result in less than a 100% refund.

Instructional Division

Catalog Page Reference: Page 175
Effective Date: Spring 2025
Summary of Changes: *Updated Credit Hours for Automotive Manufacturing Technology, Industrial Electronics Technology, Machine Shop, Marine Technology, and Welding*

INSTRUCTIONAL DIVISION

Programs of Study	Campus/ Site Offered	Classes Only	A.A.	A.S.	A.A.S.	A.O.T.	Certificate	Short-Term Certificate
Associate in Arts Degree	AC, CB, PC, TC ONLINE		60 - 64 hours					
Associate in Science Degree	AC, CB, PC, TC ONLINE			60 - 64 hours				
Automotive Manufacturing Technology	AC				67 hours			
Child Development	ONLINE							12 hours
Computer Information Science	AC, CB, PC, TC, ONLINE				60-61 hours			
Cosmetology	CB, TC					66-67 hours		
General Business	AC, CB, PC, TC, ONLINE				60-62 hours			
Industrial Electronics Technology	AC, CB, PC, TC				65-66 hours			
LPN to RN Mobility	AC, CB				41-51 hours			
Machine Shop	AC, CB					75 hours		
Marine Technology	AC				67-68 hours			
Medical Assisting Technology	AC, CB, PC, TC				65 hours			
Nursing Program	AC, CB				66 hours			

Practical Nursing	**AC, CB, PC, TC**						**45 hours**	
Office Administration	**AC, CB, PC, TC, ONLINE**				**60-62 hours**		
Welding— Drafting Option	**AC, CB, PC**	**TC**				**70-71 hours**	
Welding— Machining Option	**AC, CB, PC**	**TC**				**71-72 hours**	

AC   Alexander City Campus   **CB**   Childersburg Campus   **PC**   Prattville Campus   **TC**   Talladega Center

ONLINE   All courses required for completion of this program can be completed online.

Central Alabama Community College reserves the right to make changes in the policies and programs outlined in the College Catalog and Student Handbook as necessary. Students should confer with their assigned advisors in planning a class schedule.

Automotive Manufacturing Technology
Associate in Applied Science Degree (AAS)

Catalog Page Reference: Page 237
Effective Date: Spring 2025
Summary of Changes: *Added WKO 101 to Program Requirements*

Automotive Manufacturing Technology
Associate in Applied Science Degree (AAS)

At a Glance

In the Automotive Manufacturing Technology program, students are trained to be qualified for jobs as multi-craft technicians, to meet the needs of area industry in industrial automation and troubleshooting, including hydraulics and pneumatics, programmable logic controllers, robotics, and sensor technology, which help keep Alabama's industry competitive in the world market and provide students with highly paid and dependable jobs.

Students should consult with an advisor or the faculty teaching in their discipline regarding the suggested sequence for scheduling of courses.

General Education & Elective Courses		CREDITS
CIS 146	Computer Applications	3
ENG 101	English Composition I	3
Humanities and Fine Arts Elective*		3
MTH 100	Intermediate College Algebra **OR** Higher Level	3
Natural Science/Mathematics Elective*		3
History, Social, and Behavioral Elective*		3
SPH 106	Fundamentals of Oral Communication	3

Refer to the Academic Division section of the College Catalog and Student Handbook for general education electives.

Total General Education & Elective Credit Hours 21

Automotive Manufacturing Technology Major Courses		CREDITS
AUT 114	Introduction to Programmable Logic Controllers (ILT 194, INT 184)	3
AUT 116	Introduction to Robotics	3
AUT 130	Industrial Hydraulics and Pneumatics (ILT 169)	3
AUT 212	Robot Operation and Programming	3
AUT 219	PLC Applications	3
AUT 232	Sensors Technology and Applications (ILT 165)	3
AUT 251	Introduction to VFD and Servo Control	3

ILT 117	Principles of Construction Wiring	3
ILT 160	Direct Current Fundamentals	3
ILT 161	Alternating Current Fundamentals	3
ILT 209	Motor Controls I	3
WKO 101	Workplace Skills Development I	1
WKO 131	CPT 1 MSSC Safety Course	3
WKO 132	CPT 2 MSSC Quality Practices	3
WKO 133	CPT 3 MSSC Manufacturing Process and Production	3
WKO 134	CPT 4 MSSC Maintenance Awareness	3
	Total Major Courses Credit Hours	**46**

Total Credit Hours..67

Industrial Electronics Technology
Associate in Applied Science Degree (AAS)

Catalog Page Reference: Page 246
Effective Date: Spring 2025
Summary of Changes: *Added WKO 101 to Program Requirements*

Industrial Electronics Technology
Associate in Applied Science Degree (AAS)

At a Glance

Industrial Electronics Technicians are needed in every industry that uses electrical components machinery, from automotive assembly plants, computer manufacturers, and hospitals. This program prepares students to apply technical knowledge and skills to install, replace, repair, recalibrate, and maintain electrical instrumentation and equipment.

General Education & Elective		**CREDITS**
CIS 146	Computer Applications	3
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra **OR** Higher Level	3
Natural Science/Math Elective*		3-4
Humanities and Fine Arts Elective*		3
History, Social and Behavioral Sciences Elective*		3
SPH 106	Fundamentals of Oral Communication	3

Refer to the Academic Division section of the College Catalog and Student Handbook for general education electives.

Total General Education & Elective Credit Hours 21-22

Industrial Electronics Core Courses		**CREDITS**
ILT 117	Principles of Construction Wiring	3
ILT 118	National Electric Code	3
ILT 160	Direct Current Fundamentals	3
ILT 161	Alternating Current Fundamentals	3
ILT 166	Motors and Transformers I	3
ILT 209	Motor Controls I	3

Total Industrial Electronics Technology Core Credit Hours 18

Electronics Technician		**CREDITS**
WKO 101	Workplace Skills Development I	1

WKO 131   CPT 1 MSSC Safety Course 3
WKO 132   CPT 2 MSSC Quality Practices 3
WKO 133   CPT 3 MSSSC Manufacturing Process and Production 3
WKO 134   CPT 4 MSSC Maintenance Awareness 3
ILT 108   Introduction to Instruments and Process Control...3
ILT 162   Solid State Fundamentals 3
ILT 163   Digital Fundamentals 3
ILT 164   Circuit Fabrication I...1
ILT 194   Introduction to Programmable Logic Controllers (AUT 114 OR AUT 219) 3
             Total Electronics Technician Credit Hours..26

Total Credit Hours – AAS Industrial Electronics Technology …..…………………….65 - 66

Machine Shop
Associate in Occupational Technology Degree (AOT)

Catalog Page Reference: Page 248
Effective Date: Fall 2024 and Spring 2025
Summary of Changes: *Added the choice of SPH 107 to satisfy the speech requirement and added MTH 108 or higher math for math requirement effective Fall 2024; Effective Spring 2025, added WKO 101 to Program Requirements; Corrected typos pertaining to CNC course requirements.*

Machine Shop
Associate in Occupational Technology Degree (AOT)

At a Glance
The Machine Shop program provides students with opportunities to explore and learn a highly skilled and valuable trade. Acquiring the knowledge and skills for precision machining opens a wealth of opportunities throughout the world in such areas as production machinists, tool and die makers, computer numeric control (CNC) operators and programmers, as well as quality inspectors.

General Education & Elective Courses		CREDITS
CIS 146	Computer Applications	3
ENG 131	Applied Writing I **OR** English Composition I (ENG 101)	3
MTH 108	Quantitative Reasoning **OR** MTH 116, MTH 100, or MTH 112	3
SPH 106	Fundamentals of Oral Communication OR SPH 107	3
History, Social and Behavioral Science Elective*		3
Humanities and Fine Arts Elective*		3
Natural Science or Mathematics Elective*		3
WKO 101	Workplace Skills Development I	1
WKO 110	NCCER Workplace Skills	3
	Total General Education & Elective Credit Hours	**25**

∗*Refer to the Academic Division section of the College Catalog and Student Handbook for general education electives. **NOTE: Introductory foreign language courses cannot be utilized as the only Humanities and Fine Arts elective.***

Machine Shop Technology Major		CREDITS
MSP 102	Intermediate Machining Technology	5
MSP 103	Advanced Machining Technology	5

MSP 104	Basic Machining Calculations	2
MSP 105	Lathes	3
MSP 107	Milling Machines	3
MSP 111	Introduction to Computer Numerical Control (CNC 111)	2
MSP 112	Basic Computer Numerical Control Turning (CNC 112)	3
MSP 121	Basic Blueprint Reading for Machinists	2
MSP 125	Introduction to Machining Technology	3
MSP 132	Grinding Machines	3
MSP 142	Advanced Machining Calculations	2
MSP 171	Intermediate Blueprint Reading	2
	Total Machine Shop Technology Major Credit Hours	**35**

Consult with instructor for approval of CNC courses. (15 credit hours of CNC are required from the list below.)

Machine Shop Technology Minor

		CREDITS
CNC 113	Computer Numeric Control Milling	3
CNC 143	Applied Trigonometry for CNC Machining	3
CNC 181	Special Topics in Computerized Numerical Control (Form Grinding)	3
CNC 213	Advanced Computer Numerical Control Milling	3
CNC 215	Quality Control and Assurance	3
CNC 218	Programming and Set-up for Electrical Discharge Machining	6
CNC 221	Advanced Blueprint Reading for Machinists	3
CNC 223	Computer Numerical Control Graphics Programming: Milling	3
CNC 230	Computer Numerical Control Special Projects	3
CNC 232	Basic Tool and Die	4
CNC 235	Basic Die Construction	5
CNC 281	Special Topics in Computerized Numerical Control (Heat Treatment)	3
	Total Computer Numerical Control Credit Hours	**15**

Total Credit Hours……………………………………………………………...75

Marine Technology
Associate in Applied Science Degree (AAS)

Catalog Page Reference: Page 253
Effective Date: Spring 2025
Summary of Changes: *Added WKO 101 to Program Requirements*

Marine Technology
Associate in Applied Science Degree (AAS)

At a Glance

The Marine Technology program at Central Alabama Community College prepares students to apply technical knowledge and skills to repair inboard and outboard engines; test, maintain, and repair steering devices in electrical systems; repair metal, wood, and fiberglass hulls and vessel components. This program is designed to prepare students for employment opportunities in marine/engine maintenance and repair.

General Education & Electives		CREDITS
CIS 146	Computer Applications	3
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra OR Higher Level	3
SPH 106	Fundamentals of Oral Communication	3
Humanities and Fine Arts Elective*		3
Social and Behavioral Science Elective*		3
Math or Natural Science Elective*		3-4
Total General Education Credit Hours		**21-22**

*Refer to the Academic Division section of the College Catalog and Student Handbook for general education electives. **NOTE: Introductory foreign language courses cannot be utilized as the only Humanities and Fine Arts elective.***

Technical Major Courses		CREDITS
ILT 160	DC Fundamentals	3
MRT 101	Marine Engines and Drives	3
MRT 108	Marine Rigging and Trailers	3
MRT 200	Marine Engines and Outboard Drives	3
MRT 219	Hydraulics	3
MRT 220	Marine Engines and Stern Drives	3
MRT 222	Heavy Equipment Safety	3
MRT 262	Apprenticeship/Work Based Learning I	3
MRT 264	Apprenticeship/Work Based Learning II	3
MRT 266	Apprenticeship/Work Based Learning III	3

Welding
Associate in Occupational Technology Degree (AOT)

Catalog Page Reference: Page 257
Effective Date: Spring 2025
Summary of Changes: *Added WKO 101 to Program Requirements*

Welding
Associate in Occupational Technology Degree (AOT)

At a Glance
The Welding program at Central Alabama Community College provides students with the knowledge and skills in the heating and melting of metals. Students experience rigorous hands on training with cutting, forming, and the permanent jointing of metal products used in construction of bridges, buildings, and ships some of which are done in conjunction with computers and robots. Students often work on assembly lines, steel mills, railroad shops and highway departments.

General Education & Electives		CREDITS
CIS 146	Computer Applications	3
ENG 131	Applied Writing **OR** English Composition I (ENG 101)	3
MTH 116	Mathematical Applications OR Higher Level	3
SPH 106	Fundamentals of Oral Communication	3
Humanities and Fine Arts Elective*		3
Social and Behavioral Science Elective*		3
Math or Natural Science Elective*		3-4
	Total General Education Credit Hours	**21-22**

Refer to the Academic Division section of the College Catalog and Student Handbook for general education electives. **NOTE: Introductory foreign language courses cannot be utilized as the only Humanities and Fine Arts elective.**

Welding Technology Major		CREDITS
WDT 108	SMAW Fillet/OFC	3
WDT 109	SMAW Fillet/PAC/CAC	3
WDT 110	Industrial Blueprint Reading	3
WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
WDT 120	Shielded Metal Arc Welding Groove	3
WDT 122	SMAW Fillet/OFC Lab	3
WDT 123	SMAW Fillet/PAC/CAC Lab	3
WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
WDT 125	Shielded Metal Arc Welding Groove Lab	3

WKO 101   Workplace Skills Development I 1
WKO 110   Orientation/NCCER Core 3
WDT Electives (Choose ONE combination from below) 6
        WDT 115/155   GTAW Carbon Pipe/Lab **OR**
        WDT 217/257   SMAW Carbon Pipe/Lab **OR**
        WDT 228/268   GAS Tungsten Arc Welding/Lab
        Total Welding Major Credit Hours **37**

Welding Technology Minor *(Choose <u>ONE</u> option below)*

Minor Option #1: Drafting   **CREDITS**
DDT 104   Basic Computer Aided Drafting and Design 3
DDT 111   Fundamentals of Drafting and Design Technology 3
DDT 144   Basic 3-D Modeling 3
DDT 127   Intermediate Computer Aided Drafting and Design 3
        Total Drafting Minor Option Credit Hours **12**

Total Credit Hours – AOT Welding – Drafting Option .. …………………………..…**70-71**

Minor Option #2: Machining   **CREDITS**
MSP 104   Basic Machining Calculations 2
MSP 105   Lathes 3
MSP 107   Milling Machines 3
MSP 121   Basic Blueprint Reading for Machinists 2
MSP 125   Introduction to Machining Technology 3
        Total Machining Minor Option Credit Hours **13**

Total Credit Hours – AOT Welding – Machining Option **71-72**

Course Descriptions

Catalog Page Reference: Page 330
Effective Date: Spring 2025
Summary of Changes: *Added WKO 101 to Course Directory*

WKO 101 Workplace Skills Development I
Prerequisite: As required by program
This course emphasizes foundational information for students to develop knowledge and skills to prepare them for employment following completion of technical and academic programs. As part of this course students will participate in WorkKeys assessment and research related to the Labor Management Information (LMI). At the conclusion of this course, students will have knowledge and skills relevant to work ethic, communication, resume writing, job interviewing, dress and appearance, behavior, problem solving, decision making, and project management.
Lecture: 1 hour   Lab: 0 hours   Contact Hours: 1   Credit Hours: 1

Catalog Page Reference: Page 330
Effective Date: Summer 2025
Summary of Changes: *Added CHM 105 to Course Directory*

CHM 105 Introduction to Chemistry II
Prerequisite: Grade of "C" or higher in CHM 104 (Introduction to Chemistry I) or CHM 111 (College Chemistry I)
This is a survey course of organic chemistry and biochemistry for students who do not intend to major in science or engineering, and this course will not substitute for CHM 112. Topics include basic nomenclature, classification of organic compounds, typical organic reactions, reactions involved in life processes, and the function of biomolecules. Laboratory is required.
CODE A   Lecture: 3 hour   Lab: 1 hours   Credit Hours: 4

Catalog Page Reference: Page 330
Effective Date: Summer 2025
Summary of Changes: *Added IDS 120 to Course Directory*

IDS 120 International Studies in London/Paris
Prerequisite: As required by program.

This course offers an opportunity for the students to survey various aspects of one or more foreign countries, the focus of which will be determined by faculty and student interest. This may involve travel abroad.

CODE A   **Lecture: 3 hour**   **Lab: 0 hours**   **Credit Hours: 3**