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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 page 97 (Effective January 21, 2025)
- Withdrawals and Refunds page 103 (Effective October 1, 2024)
- Instructional Division Chart page 175 (Effective Spring 2025)
- Automotive Manufacturing Technology page 237
- Industrial Electronics Technology page 246
- Machine Shop page 248
- Marine Technology page 253
- Welding page 257
- Course Descriptions page 330

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)	<mark>\$</mark>	25.00
<i>Note: Diplomas for previous years will be printed bearing current administration names only.</i>		

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 <u>student-services@cacc.edu</u>. 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.	А.О.Т.	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	СВ, ТС					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			

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Practical Nursing	AC, CB, PC, TC						45 hours	
Office Administration	AC, CB, PC, TC, ONLINE				60-62 hours			
Welding— Drafting Option	AC, CB, PC	ТС				70-71 hours		
Welding— Machining Option	AC, CB, PC	ТС				71-72 hours		
AC Alexander City Ca	mpus	CB Child	dersburg Camp	ous	PC Prattville	Campus	TC Tal	ladega 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 Ed	lucation & 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 Scie	ence/Mathematics Elective*	3
History, Soc	cial, and Behavioral Elective*	3
SPH 106	Fundamentals of Oral Communication	3
*Refer to th	e Academic Division section of the College Catalog and Student Handb	ook for
general edu	cation electives.	U U
-	Total General Education & Elective Credit Hours	21
Automotive	e Manufacturing	
Technology	y 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

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

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 Ed	lucation & Elective	CREDITS
CIS 146	Computer Applications	3
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra OR Higher Level	3
Natural Scie	ence/Math Elective*	
Humanities	and Fine Arts Elective*	3
History, Soc	cial and Behavioral Sciences Elective*	3
SPH 106	Fundamentals of Oral Communication	3
*Refer to th	e Academic Division section of the College Catalog and Student Handbo	ok for
general edu	cation electives.	0
~	Total General Education & Elective Credit Hours	

Industrial E	lectronics 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	

Electronics T	echnician	CREDITS
WKO 101	Workplace Skills Development I	

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 Technology65	- 66

Machine Shop

Associate in Occupational Technology Degree (AOT)

Catalog Page Reference: Page 248 Effective Date: Spring 2025 Summary of Changes: 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 116	Mathematical Applications OR Higher Level (MTH 112)	.3
SPH 106	Fundamentals of Oral Communication	.3
History, Socia	l and Behavioral Science Elective*	.3
Humanities an	d Fine Arts Elective*	.3
Natural Science	e 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 Sh	op 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 i	instructor for approval of CNC courses. (15 credit hours of CNC are required from th	ne list below.)
Machine Sh	hop 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 Credi	it Hours	75

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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 & ElectivesCREDITSCIS 146Computer Applications3ENG 101English Composition I3MTH 100Intermediate College Algebra OR Higher Level3SPH 106Fundamentals of Oral Communication3Humanities and Fine Arts Elective*3Social and Behavioral Science Elective*3Math or Natural Science Elective*3-4Total General Education Credit Hours21-22

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

	Total Technical Major Credit Hours	
WKO 134	MSSC Maintenance Awareness	3
WKO 133	MSSC Manufacturing Processes & Production	3
WKO 132	MSSC Quality Practices & Measurements	3
WKO 131	MSSC Safety Course	3
WKO 110	Orientation/NCCER Core	3
WKO 101	Workplace Skills Development I	1

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 Bel	navioral Science Elective*	3
Math or Natur	al Science Elective*	. 3-4
Total General Education Credit Hours21-2		

*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	s Development I	1
WKO 110	Orientation/NCC	CER Core	3
WDT Elective	es (Choose ONE c	ombination 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 N	Major Credit Hours	
Welding Tech	hnology Minor (C	Choose <u>ONE</u> option below)	
Minor Ontio	n #1• Drafting		CREDITS

which option "1. Dratting		CREDITO
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	

Total Credit Hours – AOT Welding – Drafting Option70-71

Minor Optic	on #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	

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

Prerquisite: 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 hourLab: 0 hoursContact Hours: 1Credit Hours: 1

Course Descriptions

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

CHM 105 Introduction to Chemistry II

Prerquisite: 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