

Proposal for a New Degree Program

I. Information and Rationale

A. Primary Contact Information

Institution: Coastal Alabama Community College Contact: Linda Grant Title: Dean of Career Technology Email: <u>linda.grant@coastalalabama.eddu</u> Telephone: 334-637-3151 or 334-422-1571

B. Program Information

Date of Proposal Submission: 6/27/2024 Award Level: Associate's Degree Award Nomenclature (e.g., BS, MBA): AAS and Short-Term Certificate Field of Study/Program Title: Advanced Manufacturing - Mechatronics CIP Code (6-digit): 15.0407

C. Implementation Information

Proposed Program Implementation Date: 8/19/2024 Anticipated Date of Approval from Institutional Governing Board: 9/11/2024 Anticipated Date of ACHE Meeting to Vote on Proposal: 9/13/2024 SACSCOC Sub Change Requirement (Notification, Approval, or NA): Approval Other Considerations for Timing and Approval (e.g., upcoming SACSCOC review): Program is approved.

D. Specific Rationale (Strengths) for the Program

List 3-5 strengths of the proposed program as specific rationale for recommending approval of this proposal.

- 1. Credentials and experience of faculty and staff.
- 2. According to our Perkins Performance Report, our graduates are working in a wide variety of Advanced Manufacturing fields.
- 3. Coastal Alabama already offers all general education requirements for the new program.
- 4. There is a huge demand for this program in local area industries.

List external entities (more may be added) that may have supplied letters of support attesting to the program's strengths and attach letters with the proposal at the end of this document.



- 1. Kendall Mowdy CTE Coordinator Baldwin County Public Schools
- 2. Chad Martin Mayer Electric Supply

II. Background with Context

A. Concise Program Description

Include general opportunities for work-based and/or experiential learning, if applicable. The new program "Advanced Manufacturing – Mechatronics" is being started to provide a skilled talent pool for maintenance operators and maintenance technicians in the local heavy industrial mills and plants.

B. Student Learning Outcomes

List four (4) to seven (7) of the student learning outcomes of the program.

- 1. The student will be able to describe the relationship between voltage current, resistance, and power.
- 2. The student will be able to identify common safety rules as they apply to the hydraulics/pneumatics systems, including removing and blocking all stored energy.
- 3. The student will be able to describe the basic safety rules and practices for industrial process control.
- 4. The student will be able to explain the importance of performing machine safety checks for equipment and accessories.
- 5. The student will be able to explain the importance of practicing tool safety.

C. Administration of the Program

Name of Dean and College: Linda Grant Name of Department/Division: Scott Dees Name of Chairperson: Rube Lewis

D. Similar Programs at Other Alabama Public Institutions

List programs at other Alabama public institutions of the same degree level and the same (or similar) CIP codes. If no similar programs exist within Alabama, list similar programs offered within the 16 SREB states. If the proposed program duplicates, closely resembles, or is similar to any other offerings in the state, provide justification for any potential duplication.

CIP	Degree Title	Institution with	Justification		
Code		Similar Program	for Duplication		
	Mechatronics	Jefferson State Community College	This program will provide a skilled talent pool for maintenance operators		



		and maintenance technicians in the local heavy industrial mills and plants.
Mechatronics, Robotics & Automation	Gadsden State Community College	This program will provide a skilled talent pool for maintenance operators and maintenance technicians in the local heavy industrial mills and plants

E. Relationship to Existing Programs within the Institution

1. Is the proposed program associated with any existing offerings within Yes ⊠ No □ the institution, including options within current degree programs?

(Note: Most new programs have some relationship to existing offerings, *e.g.*, through shared courses or resources). If yes, complete the following table. If this is a graduate program, list any existing undergraduate programs which are directly or indirectly related. If this is a doctoral program, also list related master's programs.

Related Degree Program Level	Related Degree Program Title	Explanation of the Relationship Between the Programs			
AAS/STC	Electrical and Instrumentation Technology	Three new classes were added to meet the needs of industry. Classes include ADM 101 Precision Measurement; ADM 111 Manufacturing Safety Practices, and ILT 139 Introduction to Robotic Programming			

2. Will this program replace any existing programs or specializations, options, Yes □ No ⊠ or concentrations?

If yes, please explain.

3. Will the program compete with any current internal offerings? Yes □ No ⊠ If yes, please explain.

F. Collaboration

Have collaborations with other institutions or external entities been explored? Yes 🛛 No 🗆

If yes, provide a brief explanation indicating those collaboration plan(s) for the proposed program.

Collaboration included local industries and school officials from Baldwin County. According to the EMSI Q3 2023 Data Set of counties within a 50-mile radius of our location and growth projections for 2022-2027, there will be an increase in the number of jobs within this occupation. According to the data provided by this report, the following career options show increases in growth projections.

- Electro-Mechanical & Mechatronics Tech 1.05% growth with 102 annual openings.
- 1828 Unique Job postings from August 2022 July 2023



Have any collaborations within your institution been explored? Yes 🛛 No 🗆 If yes, provide a brief explanation indicating those collaboration plan(s) for the proposed program. Division chairs for Advanced Manufacturing Technology, Electrical and Instrumentation, the CTE Director, and CTE Dean met and designed a curriculum based on the needs for the new program. G. Specialized Accreditation 1. Will this program have any external accreditation requirements in addition Yes 🗆 No 🖾 to the institution's SACSCOC program requirements? If yes, list the name(s) of the specialized accrediting organization(s) and the anticipated timeframe of the application process. 2. Does your institution intend to pursue any other non-required accrediting Yes 🗆 No 🖾 organizations for the program?* If yes, list the name(s) of the organization(s) and the purpose of the pursuit. If there are plans to pursue non-required external accreditation at a later date, list the name(s) and why the institution is not pursuing them at this time.

Note: Check No to indicate that non-required external accreditation will not be pursued, which requires no explanation.

H. Admissions

Will this program have any additional admissions requirements beyond the $Yes \square No \boxtimes$ institution's standard admissions process/policies for this degree level?

If yes, describe any other special admissions or curricular requirements, including any prior education or work experience required for acceptance into the program.

I. Mode of Delivery

Provide the planned delivery format(s) (*i.e.*, in-person, online, hybrid) of the program as defined in policy along with the planned location(s) at which the program will be delivered (*i.e.*, on-campus and/or at specific off-campus instructional site(s)). Please also note whether any program requirements can be completed through competency-based assessment.

Mechatronics will be taught in-person at Baldwin Preparatory Academy which is an approved off-campus instructional site.

J. Projected Program Demand (Student Demand)

Briefly describe the primary method(s) used to determine the level of student demand for this program using evidence, such as enrollments in related coursework at the institution, or a survey of student interest conducted (indicate the survey instrument used), number and percentage of respondents, and summary of results.



Administrators from Baldwin Preparatory Academy and College Administrators met with parents and students explaining the need and the requirements for the new program of study. Because this is a new program being offered at this location, a student survey was not conducted.

III. Program Resource Requirements

A. Proposed Program Faculty*

Current Faculty and Faculty to Be Hired

Complete the following **New Academic Degree Proposal Faculty Roster** to provide a brief summary and qualifications of current faculty and potential new hires specific to the program.

***Note**: Institutions must maintain and have current as well as additional faculty curriculum vitae available upon ACHE request for as long as the program is active, but CVs are **not** to be submitted with this proposal.



Current Faculty								
1	2	3	4					
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)					
Additional Faculty (T	o Be Hired)							
1	2	3	4					
FACULTY POSITION (FT, PT)	COURSES TO BE TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)					
Mechatronics Instructor (FT)	ADM 101 Precision Measurement ADM 111 Manufacturing Safety Practices ELT 231 Introduction to Programmable Controllers ELT 232 Advanced Programmable Controllers ELT 212 Motor Controls II IET 114 Basic Electricity IET 131 Fluid Power Systems IET 122 Rotating Machinery and Controls ILT 108 Introduction to Instruments and Process Control ILT 139 Introduction to Robotic Programming ILT 114 Instrumentation Operation & Calibration INT 117 Principles of Industrial Mechanics INT 127 Principles of Industrial Pumps and Piping Systems WKO 106 Workplace Skills WKO 110 NCCER Core All courses (DUAL)	AAS in Electrical and Instrumentation or Mechatronics	Three years of infield work experience.					

Abbreviations: (FT, PT): Full-Time, Part-Time; (D, UN, UT, G, DU): Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate, Dual: High School Dual Enrollment

Course Modality: (IP, OL, HY, OCIS): In-Person, Online, Hybrid, Off-Campus Instructional Site

Courses Taught/To be Taught – For a substantive change prospectus/application, list the courses to be taught, not historical teaching assignments.



B. All Proposed Program Personnel

Employment Status of Program Personnel		Personnel Information					
		Count from Proposed Program Department	Count from Other Departments	Subtotal of Personnel			
	Full-Time Faculty						
ent	Part-Time Faculty						
nrr	Administration	2					
Ö	Support Staff	1					
	Full-Time Faculty	1					
ew ed ed	Part-Time Faculty						
T L L	Administration						
	Support Staff						
			Personnel Total	4			

Provide all personnel counts for the proposed program.

**Note: Any new funds designated for compensation costs (Faculty (FT/PT), Administration, and/or Support Staff to be Hired) should be included in the New Academic Degree Program Business Plan Excel file. Current personnel salary/benefits (Faculty (FT/PT), Administration, and/or Support Staff) should not be included in the Business Plan.

Provide justification that the institution has proposed a sufficient number of faculty (full-time and part-time) for the proposed program to ensure curriculum and program quality, integrity, and review.

C. Equipment

Will any special equipment be needed specifically for this program? Yes ⊠ No □ If *yes*, list the special equipment. Special equipment cost should be included in the New Academic Degree Program Business Plan Excel file.

PLC Trainers, Motor Control Trainers, Mechanical Trainers, Basic AC/DC Trainers, Amatrol Smart Factory Trainers, Pump Trainers, Process Trainers

D. Facilities

Will any new facilities be required specifically for the program? Yes ⊠ No □

The Baldwin County School System is constructing a \$75 million-dollar new Career High School in Loxley, Alabama. The new name of the school is Baldwin Preparatory Academy.

If *yes*, list only **new** facilities. New facilities cost should be included in the **New Academic Degree Program Business Plan Excel file.**

Will any renovations to any existing infrastructure be required specifically $Yes \square No \boxtimes$ for the program?

If yes, list the renovations. Renovation costs should be included in the



New Academic Degree Program Business Plan Excel file.

E. Assistantships/Fellowships

Will the institution offer any assistantships specifically for this program?

Yes 🗆 No 🖂

If yes, how many assistantships will be offered?

The expenses associated with any *new* assistantships should be included in the **New Academic Degree Program Business Plan Excel file.**

F. Library

Provide a brief summarization (one to two paragraphs) describing the current status of the library collections supporting the proposed program.

Will additional library resources be required to support the program? Yes □ No ⊠

In addition to the five Coastal Libraries and four Learning Resource Centers, there are online options available to support the proposed program of study. Several research guides and subject-specific collections of links are provided on the Library Services course page including links for Calico Discovery Resources, the Kona Online Catalog, and Flipster. The Coastal Alabama Libraries blog provides Career and Job Search Information, an Instructor's Toolkit, OER Resources, Useful Links, Writing Tools, and other resources of interest.

Additionally, the Alabama Virtual Library (AVL) is available free of charge to all residents of the State of Alabama and to all students attending college in Alabama. The Alabama Virtual Library provides all students, teachers, and citizens of the State with online access to essential library and information resources. It is primarily a group of online databases that have magazine, journal, and newspaper articles for research

If *yes*, briefly describe how any deficiencies will be remedied, and include the cost in the **New Academic Degree Program Business Plan Excel file**.

G. Accreditation Expenses

Will the proposed program require accreditation expenses?

Yes 🗆 No 🖾

If *yes*, briefly describe the estimated cost and funding source(s) and include cost in the **New Academic Degree Program Business Plan Excel file**.

H. Other Costs

Please explain any other costs to be incurred with program implementation, such as marketing or recruitment costs. Be sure to note these in the **New Academic Degree Program Business Plan Excel file.**

I. Revenues for Program Support



Will the proposed program require budget reallocation? Yes 🛛 No 🗆

If *yes*, briefly describe how any deficiencies will be remedied and include the revenue in the **New Academic Degree Program Business Plan Excel file**.

Will the proposed program require external funding (*e.g.*, Perkins, Yes \Box No \boxtimes Foundation, Federal Grants, Sponsored Research, etc.)?

If *yes*, list the sources of external funding and include the revenue in the **New Academic Degree Program Business Plan Excel file.**

Please describe how you calculated the tuition revenue that appears in the **New Academic Degree Program Business Plan Excel file.** Specifically, did you calculate using cost per credit hour or per term? Did you factor in differences between resident and non-resident tuition rates?

IV. Employment Outcomes and Program Demand (Industry Need)

A. Standard Occupational Code System

Using the federal Standard Occupational Code (SOC) System, indicate the top three occupational codes related to post-graduation employment from the program. A full list of SOCs can be found at https://www.onetcodeconnector.org/find/family/title#17.

A list of Alabama's *In-Demand Occupations* is available at <u>https://www.ache.edu/index.php/policy-guidance/</u>.

SOC 1 49-9041 Industrial Machinery Mechanics

SOC 2 49-9043 Maintenance Workers, Machinery

SOC 3 49-9071 Maintenance and Repair Workers, General

Briefly describe how the program fulfills a specific industry or employment need for the State of Alabama. As appropriate, discuss alignment with Alabama's Statewide or Regional Lists of In-Demand Occupations (https://www.ache.edu/index.php/policy-guidance/) or with emerging industries as identified by Innovate Alabama or the Economic Development Partnership of Alabama (EDPA).

Collaboration included local industries and school officials from Baldwin County. According to the EMSI Q3 2023 Data Set of counties within a 50-mile radius of our location and growth projections for 2022-2027, there will be an increase in the number of jobs within this occupation. According to the data provided by this report, the following career options show increases in growth projections.

- Electro-Mechanical & Mechatronics Tech 1.05% growth with 102 annual openings.
- 1828 Unique Job postings from August 2022 July 2023

B. Employment Preparation

Describe how the proposed program prepares graduates to seek employment in the occupations (SOC codes) identified.



This is a terminal degree program leading to employment. No further education is necessary to obtain employment.

C. Professional Licensure/Certification

Please explain if professional licensure or industry certification is required for graduates of the proposed program to gain entry-level employment in the occupations selected. Be sure to note which organization(s) grants licensure or certification.

No

D. Additional Education/Training

Please explain whether further education/training is required for graduates of the proposed program to gain entry-level employment in the occupations selected.

No – This is a terminal degree program preparing students for immediate employment.

V. Curriculum Information for Proposed Degree Program

A. Program Completion Requirements: Enter the credit hour value for all applicable components (enter N/A if not applicable).

Curriculum Overview of Proposed Program						
Credit hours required in general education	15					
Credit hours required in program courses	46					
Credit hours in program electives/concentrations/tracks	0					
Credit hours in free electives	0					
Credit hours in required research/thesis	0					
Total Credit Hours Required for Completion	61					

Note: The above credit hours **MUST** match the credit hours in the *Curriculum Components of Proposed Program* table in Section V.G.

- **B.** Maximum number of credits that can be transferred in from another institution and applied to the program: Must complete 25% at Coastal Alabama Community College.
- C. Intended program duration in semesters for full-time students: 4 Semesters
- **D.** Intended program duration in semesters for part-time students: 6 Semesters
- E. Does the program require students to demonstrate industry-validated skills, specifically through an embedded industry-recognized certification, structured work-based learning with an employer partner, or alignment with nationally recognized industry standards?

If yes, explain how these components fit with the required coursework.



F. Does the program include any concentrations?

Yes 🛛 No 🗆

If yes, provide an overview and identify these courses in the *Electives/Concentrations/Tracks* section in the Curriculum Components of Proposed Program Table in Section V.G.

G. Please provide all course information as indicated in the following table. Indicate new courses with "Y" in the associated column. If the course includes a required work-based learning component, such as an internship or practicum course, please indicate with a "Y" in the WBL column.

Program Nar	ne:	Advanced Manufacturing - Mechatronics							
Program Lev	el:	AAS							
		Curriculum Components of Proposed Program	ו						
Course Number		Course Title	Credit Hours	New? (Y)	WBL? (Y)				
General Edu	cation	Courses (Undergraduate Only)							
ORI 101	Orier Prep	ntation to College or WKO 107 Workplace Skills aration	1						
ENG 101	Engli	ish Composition	3						
	Hum	anities and Fine Arts Elective	3						
CIS 146	Micro	pcomputer Applications	3						
	Histo	ory, Social, and Behavioral Science Elective	3						
MTH 116	Math	ematics Applications	3						
Program Cou	urses								
ADM 101	Prec	ision Measurement	3	Y					
ADM 111	Man	ufacturing Safety Practices	3	Y					
ELT 231	Intro	duction to Programmable Controllers	3						
ELT 232	Adva	nced Programmable Controllers	3						
ELT 212	Moto	r Controls II	3						
IET 114	Basi	c Electricity	3						
IET 131	Fluid	Power Systems	3						
IET 122	Rota	ting Machinery and Controls	3						
ILT 108	Intro	duction to Instruments and Process Controls	3						
ILT 139	Intro	duction to Robotic Programming	3	Y					
ILT 114	Instru	umentation Operation & Calibration	3						
INT 117	Princ	iples of Industrial Mechanics	3						
INT 127	Princ	iples of Industrial Pumps and Piping Systems	3						
WKO 106	Work	xplace Skills	3						
WKO 110	NCC	ER Core	3						
Program Elec	ctives	/Concentrations/Tracks							
Research/Th	esis								
			•						
		*Total Credit Hours Required for Completion	61						

*Note: The total credit hours should equal the total credit hours in the Curriculum Overview table (V.B, p. 9).



Program Name:		Advanced Manufacturing - Mechatronics							
Program Level:		STC							
		1							
Course Number		Course Title	Credit Hours	New? (Y)	WBL? (Y)				
General Educ	cation	Courses (Undergraduate Only)		ſ					
Program Cou	irses								
ADM 101	Prec	ision Measurement	3	Y					
ADM 111	Man	ufacturing Safety Practices	3	Y					
IET 114	Basi	c Electricity	3						
IET 131	Fluid	Power Systems	3						
ILT 108	Intro	duction to Instruments and Process Controls	3						
INT 117	Princ	piples of Industrial Mechanics	3						
INT 127	Princ	piples of Industrial Pumps and Piping Systems	3						
WKO 110	NCC	ER Core	3						
	*Total Credit Hours Required for Completion 24								

*Note: The total credit hours should equal the total credit hours in the Curriculum Overview table (V.B, p. 9).



H. New Academic Degree Program Summary/Business Plan

Use the Excel form from for **New Academic Degree Program Business Plan**, to complete the New Academic Program Degree Proposal.

Steps for Submitting the New Academic Degree Proposal

- 1. Complete the New Academic Degree Proposal document.
- 2. Attach the letters of support from external entities listed in *Section I.D.* at the <u>end</u> of the **New Academic Degree Proposal** document.
- 3. Save the New Academic Degree Proposal document as a .pdf file.
- 4. Complete the New Academic Degree Program Business Plan and save as an .xlsx file.

	Ν		MIC DEGREE	PROGRAM	PROPOSAL	SUMMARY					
INSTITUTION: Coastal Alabama Community College											
PROGRAM: Advanced Manufacturing- Mechatronics - AAS Degree Select Level: Associate											
ESTIMATED *NEW* EXPENSES TO IMPLEMENT PROPOSED PROGRAM											
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL			
FACULTY	75000	75000	75000	75000	75000	75000	75000	525000			
STAFF								0			
EQUIPMENT	1500000	0	0	0	C	0	0	1500000			
FACILITIES								0			
LIBRARY								0			
ASSISTANTSHIPS								0			
OTHER								0			
TOTAL	1575000	75000	75000	75000	75000	75000	75000	2025000			
		NEW	REVENUES AVA	ILABLE FOR PR	OGRAM SUPPO	DRT					
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL			
REALLOCATIONS								0		Validation 1:	
EXTRAMURAL	1500000							1500000		Program revenues exceed	YES
TUITION		119,520	119,520	119520	119520	119520	119520	717120		or match expenses.	
TOTAL	1500000	119520	119520	119520	119520	119520	119520	2217120			
	N/- 4-		ENROLL		IONS	4					
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE			
FULL-TIME HEADCOUNT	Year 1 - No data reporting required	60	60	60	60	60	60	60			
PART-TIME HEADCOUNT	Year 1 - No data reporting required	o	0	0	C	o a	o	0			
TOTAL HEADCOUNT	Year 1 - No data reporting required	60	60	60	60	60	60	60		Validation 2: Students who graduated the prior year are not	ОК
NEW ENROLLMENT HEADCOUNT	Year 1 - No data reporting required	20	20	20	20	20	20	20	Г	included in the total headcount.	U.
			DEGREE CON	IPLETION PROJ	ECTIONS						
	Note: Do not	count Lead "0"s	and Lead 0 yea	rs in computing	the average an	nual degree con	pletions.			Validation 3: There are	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE		enough new students	YES
DEGREE COMPLETION PROJECTIONS	Year 1 - No data reporting required	0	5	8	10	8	14	7.5		enrolling each year to sustain completions.	
New entails add	ditional expension	ses or revenu	es associated	with program	implementati	on. Please ind	lude any plan	ning or start-		Validation 4: Completion	
up expenses with budgeted for a de will be hired to te existing faculty w	expenses within Year 1 (even if these were incurred in Year 0 or prior). Do not include expenses or revenues already dgeted for a department or instructional unit prior to the development of this specific program. For instance, if new faculty II be hired to teach in this program, salary/benefits should be included for each year following hire, but salary/benefits for isting faculty would not be included.									projections meet viability standard for this degree level.	MET

To Whom It May Concern

I am writing this letter to express my enthusiastic support for the introduction of the Mechatronics curriculum at Baldwin Preparatory Academy. As an Electrical Engineer and Automation Specialist for Mayer Electric Supply, I have had the opportunity to interact with many students and educators across various academic disciplines, and I strongly believe that the Mechatronics curriculum will be a valuable addition to the school's academic offerings.

Mechatronics is a multidisciplinary field that combines mechanical engineering, electrical engineering, and computer science. It involves the integration of mechanical, electrical, and software components to design and manufacture intelligent systems and machines. Mechatronics is increasingly becoming an essential part of modern industries such as automotive, aerospace, manufacturing, and robotics. By introducing Mechatronics curriculum at Baldwin Preparatory Academy, the students will be equipped with skills and knowledge that are highly valued in the job market.

Furthermore, the Mechatronics curriculum will provide the students with a unique opportunity to engage in hands-on learning experiences that will develop their problem-solving, critical thinking, and teamwork skills. The students will have the opportunity to design and build their own projects, which will foster creativity and innovation. The curriculum will also expose the students to emerging technologies such as the Internet of Things (IoT), which is rapidly transforming many industries.

With the ability to take Dual Enrollment classes at Coastal Alabama Community College, the students of Baldwin Preparatory Academy will graduate with the necessary tools and skills that will make them invaluable in a workforce that is in desperate need for workers with the skills acquired through the Mechatronics program.

In conclusion, I strongly believe that the introduction of Mechatronics curriculum at Baldwin Preparatory Academy, with dual enrollment at Coastal Alabama Community College, will be a positive step towards preparing the students for the demands of the modern world. The students will acquire valuable skills and knowledge that will make them competitive in the job market and enable them to contribute to the growth and development of their communities. I urge the school administration to give serious consideration to this proposal.

Thank you for your time and consideration.

Sincerely,

Chad Martin Mayer Electric Supply 256-312-9224 chmartin@mayerelectric.com





BALDWIN COUNTY PUBLIC SCHOOLS CAREER AND TECHNICAL EDUCATION

April 30, 2023

The Coastal Alabama Community College service area is growing exponentially. More and more industries are locating in the Baldwin County and surrounding areas. This growth has resulted in the need for high wage, indemand skills in the mechatronics engineering, machining, electrical and electronics area. These are high skilled jobs, well-paying careers in multiple fields.

Through the partnership between the Baldwin County Public Schools and Coastal Alabama Community College, this program is being proposed for the new Baldwin Preparatory Academy scheduled to open Fall 2024. Baldwin County Public Schools fully support this new program as well as the continuation of the strong partnership with Coastal Alabama Community College.

Baldwin County Public Schools strongly support the addition of the Mechatronics Engineering program as part of the current partnership between Baldwin County Public Schools and Coastal Alabama Community College.

Sincere

Kendall Mowdy-CTE Coordinator Baldwin County Public Schools