JIMMY H. BAKER
Chancellor

Proposal for a New Degree Program

I. Information and Rationale

A. Primary Contact Information

Institution: Chattahoochee Valley Community College

Contact: Nicole Jackson

Title: Dean of Instruction

Email: Nicole.jackson@cv.edu

Telephone: 334-291-4945

B. Program Information

Date of Proposal Submission: 3/25/2024

Award Level: Associate's Degree

Award Nomenclature (e.g., BS, MBA):

Field of Study/Program Title: Electrical Technology

CIP Code (6-digit): 46.0302

C. Implementation Information

Proposed Program Implementation Date: 8/18/2025

Anticipated Date of Approval from Institutional Governing Board: 6/3/2024

Anticipated Date of ACHE Meeting to Vote on Proposal: 8/5/2024

SACSCOC Sub Change Requirement (Notification, Approval, or NA): Approval

Other Considerations for Timing and Approval (e.g., upcoming SACSCOC review): N/A

D. Specific Rationale (Strengths) for the Program

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

- **Skilled Workforce for Semiconductor Industry:** Alabama's growing semiconductor industry, as part of the Chips for Chips initiative, requires a skilled workforce with expertise in electrical technology. By offering such a program, the initiative can tap into a pool of qualified graduates who are trained in areas such as semiconductor fabrication, electronic circuit design, and equipment maintenance.
- **Economic Growth and Job Creation**: Investing in an electrical technology program can contribute to economic growth and job creation in Alabama. Graduates from the program can fill high-demand positions in the semiconductor industry, attracting new businesses, driving local innovation ecosystems, and enhancing the overall competitiveness of the state in the global semiconductor market.

- **Partnerships and Collaborations**: The program can establish partnerships and collaborations with semiconductor companies involved in the Chips for Chips initiative. This collaboration can lead to joint research projects, industry-sponsored apprenticeships, and opportunities for students to work on real-world challenges faced by the semiconductor industry.
- **Research and Development Support**: An electrical technology program can contribute to the research and development efforts of the semiconductor industry in Alabama. Students and faculty can collaborate on projects related to semiconductor materials, device design, and process optimization, fostering innovation and driving technological advancements within the industry.

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.

- Smith and Gray Electric Company
- Alatrade

II. Background with Context

A. Concise Program Description

Include general opportunities for work-based and/or experiential learning, if applicable.

- Every student in this program is required to fulfill an apprenticeship as an integral component of their degree. Upon successful completion, students receive credit for the course, and the relevant details are recorded In the AGS Prime System.

B. Student Learning Outcomes

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

- Students will be able to evaluate hazards associated with electrical systems
- Students will be able to differentiate between series, parallel, series parallel circuits, and RCL circuits
- Students will be able to distinguish units of measurements for voltage current, resistance, and power
- Students will define Ohm's Law
- Students will be able to analyze characteristics of conductors for different capacities

C. Administration of the Program

Name of Dean and College: Nicole Jackson

Name of Department/Division: Instructional Services/Career and Technical Education and Workforce Training

Name of Chairperson: Clint Langley

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 Code	Degree Title	Institution with Similar Program	Justification for Duplication
15.0613	Manufacturing Engineering Technology/Technician	Southern Union State Community College	Not a duplicate; however, the College is implementing this program due to the Chips for Chips initiative for the State of Alabama
47.0105	Industrial Electronics Technology/Technician	Southern Union State Community College	Not a duplicate; however, the College is implementing this program due to the Chips for Chips initiative for the State of Alabama

E. Relationship to Existing Programs within the Institution

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

   (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
A.A.S.	Applied Technology-Industrial Maintenance	Overall, the similarities between electrical technology and industrial maintenance highlight the interconnectedness of these fields in ensuring the efficient operation of electrical systems and equipment in industrial environments. The Electrical Technology program will share the same lab space and equipment with the existing Industrial Maintenance program.

2. Will this program replace any existing programs or specializations, options, or concentrations? **Yes ☐ No ☒**

   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.

- Chattahoochee Valley Community College and Troy University are formalizing an agreement to enhance transferability between their institutions. This articulation agreement will create a smooth pathway for students who have completed the Electrical Technology Associate Degree program at Chattahoochee Valley Community College (CVCC) to transfer credits and pursue a Bachelor's degree in Electronics Engineering Technology at Troy University. The primary objectives of this agreement are to streamline the transfer process, optimize credit transferability, and bolster student success in achieving their academic and career objectives.

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.

G. Specialized Accreditation

1. Will this program have any external accreditation requirements in addition to the institution's SACSCOC program requirements? **Yes ☐ No ☒**

   If yes, list the name(s) of the specialized accrediting organization(s) and the anticipated timeframe of the application process. N/A

2. Does your institution intend to pursue any other non-required accrediting organizations for the program? * **Yes ☐ No ☒**

   If yes, list the name(s) of the organization(s) and the purpose of the pursuit.

   N/A

   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.

   N/A

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 institution's standard admissions process/policies for this degree level? **Yes ☐ No ☒**

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.

- This program will be offered in a traditional format only due to the lab requirements and apprenticeship component.

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.

- The primary method utilized to assess student demand for the Electrical Technology program involved analyzing enrollment and coursework patterns within the existing Industrial Maintenance program. The College monitored student enrollment in specific courses relevant to applied technology and industrial maintenance over time. For instance, from 2022 to 2025, the enrollment figures for related coursework were as follows:
- 2022 Enrollment: 25 students
- 2023 Enrollment: 26 students

  By examining enrollment trends, the College gauges student interest and demand not only for Industrial Maintenance but also for programs such as Electrical Technology. This data-driven approach guides decisions regarding program offerings, resource allocation, and strategic planning, ensuring alignment with student needs and market demand.

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)
FT Langley, Clint	*ELT 241 National Electric Code (3) *ILT 160 DC Fundamentals (3) * ILT 161 AC Fundamentals (3) *ILT 162 Solid State Fundamentals (3) * ILT 166 Motors and Transformers I (3) * ELT 117 AC/DC Machines (3) * IL T 109 Electrical Blueprint Reading I (3) *ILT 165 Industrial Electronics Control I (3) * /LT 231 National Electric Code (3) * /LT 109 Motor Controls I (3) * ELT 115 Residential Wiring II (3) * ELT I 18 Commercial - Industrial Wiring (3) * ELT 114 Residential Wiring Methods (3) * ILT 108 Introduction to Instrumentation and Process Control (3) * INT 291 Cooperative Education (3)	*Masters-Education. Auburn University 2011 *B.S. Career Technical Education/Agricultural Science Education Auburn University 2007 A.A.S Machine Shop Technology Southern Union State Community College 1998	17 years Industrial maintenance experience

Additional Faculty (To 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)

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)
PT To be hired	*ELT 241 National Electric Code (3) *ILT 160 DC Fundamentals (3) * ILT 161 AC Fundamentals (3) *ILT 162 Solid State Fundamentals (3) * ILT 166 Motors and Transformers I (3) * ELT 117 AC/DC Machines (3) * IL T 109 Electrical Blueprint Reading I (3) *ILT 165 Industrial Electronics Control I (3) * /LT 231 National Electric Code (3) * /LT 109 Motor Controls I (3) * ELT 115 Residential Wiring II (3) * ELT I 18 Commercial - Industrial Wiring (3) * ELT 114 Residential Wiring Methods (3) * ILT 108 Introduction to Instrumentation and Process Control (3) * INT 291 Cooperative Education (3)	Requirements: Minimum of a Master's degree in in a related field. Two or more years of relatable work experience, and relevant certifications are preferred	. Requirements: Minimum of a Master's degree in in a related field. Two or more years of relatable work experience, and relevant certifications are preferred

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

Provide all personnel counts for the proposed program.

Employment Status of Program Personnel		Personnel Information		
		Count from Proposed Program Department	Count from Other Departments	Subtotal of Personnel
Current	Full-Time Faculty	1		
	Part-Time Faculty			
	Administration			
	Support Staff			
**New To Be Hired	Full-Time Faculty			
	Part-Time Faculty	1		
	Administration			
	Support Staff			
			Personnel Total	2

****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.

- The institution has proposed an adequate number of faculty, comprising one full-time and one part-time faculty member, for the proposed program. This staffing plan ensures the quality, integrity, and thorough review of the curriculum and program. Additional faculty will be hired when enrollment increases by 6%.

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.**

- The College currently does not require new equipment as of this application. However, given ongoing trends, evolving industry standards, and employer expectations, the College anticipates the need for new equipment or upgrades to existing equipment in the near future. As such, the College estimates a budget of approximately $60,000.00 over a seven-year period to fulfill these equipment requirements.

D. Facilities

Will any new facilities be required specifically for the program? **Yes ☐ No ☒**

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 for the program? **Yes ☐ No ☒**

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.

- The library at Chattahoochee Valley Community College (CVCC) features a comprehensive collection of resources for the Electrical Technology program. As outlined below, our offerings include a rich selection of books, journals, and periodicals. Providing an abundance of information to elevate both study and research endeavors. With a focus on both traditional and digital resources. our library is well equipped to meet the diverse needs of those pursuing excellence in Electrical Technology.

Electrical Technology Library Resources	
Books	10
Periodicals	Online through A VL 480 publications CVCC has access to.
Journals	Online through A VL 480 publications CVCC has access to.

Will additional library resources be required to support the program? **Yes ☐ No ☒**

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.**

- To ensure the success of the new program, the College will need to implement effective marketing strategies to attract student interest, drive enrollment, and promote graduation rates. Consequently, the College plans to allocate funds during the annual budget request process specifically for the Electrical Technology program's marketing efforts.

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, Foundation, Federal Grants, Sponsored Research, etc.)? **Yes ☐ No ☒**

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?

- The tuition revenue was calculated using cost per credit hour. Both resident and non-resident tuition rates were considered.

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.

- 49-2096.00 Electronic Equipment Installers and Repairers, Motor Vehicles
- 49-2093.00 Electrical and Electronics Installers and Repairers, Transportation Equipment
- 49-2094.00 Electrical and Electronics Repairers, Commercial and Industrial Equipment

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

- SOC 1 47-2111 Electricians

- SOC 2 47-3013 Helpers--Electricians
- SOC 3 49-9051 Electrical Power-Line Installers & Repairers

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).

The Electrical Technology program will fulfill a specific industry need in Alabama by addressing the demand for skilled workers in electronic equipment installation, repair, and maintenance roles. This aligns with Alabama's Statewide and Regional Lists of In-Demand Occupations, particularly in the following categories:

- **Electronic Equipment Installers and Repairers, Motor Vehicles**: The program aims to equip students with the knowledge and skills needed to install, troubleshoot, and repair electronic systems and components in motor vehicles. This directly supports the automotive industry in Alabama, where modern vehicles rely heavily on electronic systems for functionality and performance.
- **Electrical and Electronics Installers and Repairers, Transportation Equipment**: Students will learn how to install and maintain electrical and electronic systems in various transportation equipment, such as aircraft, trains, and marine vessels. This aligns with the transportation sector's need for technicians who can ensure the proper functioning and safety of electronic systems in these vehicle
- **Electrical and Electronics Repairers, Commercial and Industrial Equipment**: The program prepares students to work with commercial and industrial equipment, including machinery, control systems, and electronic components. This addresses the demand for skilled technicians in manufacturing, utilities, and other industries that rely on complex electrical systems for operations.
- **Equipment Maintenance and Repair**: Semiconductor manufacturing equipment is highly specialized and requires regular maintenance and repair. Graduates from an electrical technology program can work as technicians to ensure the efficient functioning of equipment, reducing downtime and optimizing production output.

B. Employment Preparation

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

- An electrical technology program with an apprenticeship component provides graduates with practical experience and hands-on skills that directly prepare them for employment in various occupations related to electronic equipment installation, repair, and maintenance. By participating in apprenticeships, graduates develop versatile maintenance and repair skills applicable to various equipment categories. They learn to assess equipment performance, troubleshoot issues, perform routine

maintenance, and collaborate with teams to ensure equipment reliability and functionality.

- Overall, the combination of classroom instruction and hands-on learning experience in an electrical technology program prepares graduates to excel in occupations related to electronic equipment installation, repair, and maintenance across different industries.

Electronic Equipment Installers and Repairers, Motor Vehicles (SOC Code: 49-2096):	During their apprenticeships, students gain experience working with electronic systems and components specific to motor vehicles. This includes diagnosing and repairing electrical issues in automotive systems, such as engine control modules, sensors, and entertainment systems.
Electrical and Electronics Installers and Repairers, Transportation Equipment (SOC Code: 49-2093):	Apprenticeships expose students to electrical and electronic systems found in transportation equipment, such as aircraft, trains, and marine vessels. They learn to install, maintain, and troubleshoot complex systems like navigation equipment, communication systems, and control panels.
Electrical and Electronics Repairers, Commercial and Industrial Equipment (SOC Code: 49-2094):	Apprenticeships provide students with exposure to commercial and industrial equipment, such as machinery, control systems, and electronic components used in manufacturing and other sectors. They learn to troubleshoot electrical issues, replace faulty components, and perform preventive maintenance tasks.
Equipment Maintenance and Repair (Various SOC Codes):	The apprenticeship component of the program focuses on equipment maintenance and repair across different industries, including automotive, transportation, commercial, and industrial sectors. Students gain exposure to a wide range of equipment types and systems.

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.

- There is no certification requirement; however, students will be highly encouraged to pursue industry recognized certifications aligned with their skills and abilities.

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.

- While no additional education or training is required for entry-level positions within this occupational field, students will be strongly encouraged to pursue industry-recognized certifications, such as a mechanical electrical license.

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**	18
Credit hours required in **program courses**	48
Credit hours in **program electives/concentrations/tracks**	0
Credit hours in **free electives**	0
Credit hours in **required research/thesis**	0
Credit Hours in **Other (Orientation Course)**	3
Total Credit Hours Required for Completion	**69**

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:

- In order to establish reciprocity, a student must complete a minimum of 25% of the coursework of their respective program at Chattahoochee Valley Community College (CVCC} in order for a credential to be awarded. As such, up to 75% of a program can be transferred in to CVCC provided the credit is evaluated and approved by the Registrar.

C. Intended program duration in semesters for full-time students: 6 Semesters

D. Intended program duration in semesters for part-time students: 7-8 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? Yes ☒ No ☐

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

- Every student in this program is required to fulfill an apprenticeship as an integral component of their degree.

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.

- There are two embedded short certificates in the program as outlined below.

Short Term Certificate: Commercial and Industrial Wiring (18 Credit Hours)	
ELT 114 Residential Wiring Methods	3
ELT 118 Commercial-Industrial Wiring	3
ILT 231 National Electric Code	3
ILT 160 DC Fundamentals	3
ILT 161 AC Fundamentals	3
ILT 109 Electrical Blueprint Reading	3
Short Term Certificate: Industrial Instrumentation (15 Credit Hours)	
ILT 209 Motor Controls I	3
ILT 165 Industrial Electronics Control	3
ILT 108 Introduction to Instrumentation and Process Control	3
ILT 160 DC Fundamentals	3
ILT 161 AC Fundamentals	3

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 apprenticeship or practicum course, please indicate with a "Y" in the WBL column.

Program Name:	**Associate of Applied Science Electrical Technology**			
Program Level:				
Curriculum Components of Proposed Program				
Course Number	**Course Title**	**Credit Hours**	**New? (Y)**	**WBL? (Y)**
General Education Courses *(Undergraduate Only)*				
ENG 101	Composition and Rhetoric	3	N	N
PSY 200	General Psychology	3	N	N
HUM 101	Humanities Elective	3	N	N
SPH 106 or SPH 107	Fundamentals of Oral Communications or Fundamentals of Public Speaking	3	N	N
MTH or BIO	Natural Science or Mathematics Elective	3	N	N
CIS 146	Micro Computer Applications	3	N	N
ORI 105	Orientation and Student Success	3	N	N
Program Courses				
ADM 100	Industrial Safety	3	N	N
ELT 241	National Electric Code	3	Y	N
ILT 160	DC Fundamentals	3	Y	N
ILT 161	AC Fundamentals	3	Y	N
ILT 162	Solid State Fundamentals	3	Y	N
ILT 166	Motors and Transformers, I	3	Y	N
ELT 117	AC/DC Machines	3	Y	N
ILT 109	Electrical Blueprint Reading I	3	Y	N
ILT 165	Industrial Electronics Control I	3	Y	N
ILT 231	National Electric Code	3	Y	N
ILT 209	Motor Controls I	3	Y	N
ELT 115	Residential Wiring II	3	Y	N
ELT 118	Commercial - Industrial Wiring	3	Y	N
ELT 114	Residential Wiring Methods	3	Y	N
ILT 108	Introduction to Instrumentation and Process Control	3	Y	N
INT 291	Cooperative Education	3	N	Y
Program Electives/Concentrations/Tracks				
	Embedded Short Term Certificate: Commercial and Industrial Wiring (18 Credit Hours)			
	Embedded Short Term Certificate: Industrial Instrumentation (15 Credit Hours)			
Research/Thesis				
	Not applicable			
	*Total Credit Hours Required for Completion	69		

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

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 end 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.**

ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

INSTITUTION:	**Chattahoochee Valley Community College**		
PROGRAM NAME:	**Electrical Technology**	**46.0302**	**CIP CODE:**
SELECT LEVEL:	**UNDERGRADUATE (ASSOCIATE)**		

ESTIMATED *NEW* EXPENSES TO IMPLEMENT PROPOSED PROGRAM

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
FACULTY	$0	$31,698	$32,173	$32,655	$33,144	$33,641	$34,145	$197,456
ADMINISTRATION/STAFF	$0	$0	$0	$0	$0	$0	$0	$0
EQUIPMENT	$0	$0	$30,000	$0	$0	$0	$30,000	$60,000
FACILITIES	$0	$0	$0	$0	$0	$0	$0	$0
ASSISTANTSHIPS/FELLOWSHIPS	$0	$0	$0	$0	$0	$0	$0	$0
LIBRARY	$0	$0	$0	$0	$0	$0	$0	$0
ACCREDITATION AND OTHER COSTS	$0	$0	$0	$0	$0	$0	$0	$0
TOTAL EXPENSES	$0	$31,698	$62,173	$32,655	$33,144	$33,641	$64,145	**$257,456**

NEW REVENUES AVAILABLE FOR PROGRAM SUPPORT

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
REALLOCATIONS	$0	$0	$0	$0	$0	$0	$0	$0
EXTERNAL FUNDING	$0	$0	$0	$0	$0	$0	$0	$0
TUITION + FEES	$69,840	$139,680	$226,980	$343,380	$459,780	$576,180	$692,580	$2,508,420
TOTAL REVENUES	$69,840	$139,680	$226,980	$343,380	$459,780	$576,180	$692,580	**$2,508,420**

ENROLLMENT PROJECTIONS

Note: "New Enrollment Headcount" is defined as unduplicated counts across years.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
FULL-TIME ENROLLMENT HEADCOUNT	No data reporting	12	15	20	20	20	20	**17.83**
PART-TIME ENROLLMENT HEADCOUNT		0	0	0	0	0	0	**0.00**
TOTAL ENROLLMENT HEADCOUNT		12	15	20	20	20	20	**17.83**
***NEW* ENROLLMENT HEADCOUNT**		12	15	20	20	20	20	**17.83**
Validation of Enrollment			**YES**	**YES**	**YES**	**YES**	**YES**	

DEGREE COMPLETION PROJECTIONS

Note: Do not count Lead "0"s and Lead 0 years in computing the average annual degree completions.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
DEGREE COMPLETION PROJECTIONS	No data reporting	4	9	12	15	15	15	**11.67**

SMITH GRAY

ELECTRIC COMPANY, INC.

Electric Motor Sales, Service and Supplies
Electrical Construction

01/22/2024

Alabama Workforce Development Division,

This letter is in support of Chattahoochee Valley Community College's (CVCC) request to begin an Electrical Technology Program at Chattahoochee Valley Community College. The Applied Technology Program has a desire to stay ahead of industry by utilizing Electrical Technology Training Equipment. I have the upmost confidence that Chattahoochee Valley Community College will be capable of using this equipment and the students will benefit greatly because from this technology and the opportunities provided.

Sincerely,

Trip Reynolds

President

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P.O. BOX 1379
COLUMBUS, GEORGIA 31901
(706) 322-2569

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AlaTrade

100% Employee Owned

To Whom It May Concern:

This letter is in support of Chattahoochee Valley Community College's request to begin an Electrical Technology Program. This program has been identified as a high demand occupation in this region. Chattahoochee Valley Community College is a vital part of training employees for this sector of the workforce. As a business owner, our company is in constant need of employees with these specific skills. Our commitment will be to partner with Chattahoochee Valley Community College to offer job placement, advising, and equipment we deem necessary for success. In closing, Chattahoochee Valley Community College is an important part of this community and the training will benefit the citizens of Russell County.

Sincerely,

Deborah Taylor
HR Manager
334.664.2323
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