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New Program Proposal

The following must be submitted to complete a new program request:

Submission Checklist:

- ☒ New Program Proposal
- ☒ Business Plan (<https://www.ache.edu/index.php/forms/>)
- ☒ Undergraduate or Graduate Curriculum Plan (<https://www.ache.edu/index.php/forms/>)

Primary Contact Information

Institution: Wallace Community College - Dothan

Contact: Martha Compton

Title: Director, CTE

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Program Information

Date of Proposal Submission: 4/13/2026

Award Level: Associate's Degree

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

Field of Study/Program Title: Biomedical Equipment Technology

CIP Code (6-digit): 15.0401

Administration of the Program

Name of Dean: Dr. Chris Kennedy

Name of College/School: Wallace Community College

Name of Chairperson: TBD

Name of Department/Division: Workforce and CTE/ Biomedical Equipment Technology

Implementation Information

Proposed Program Implementation Date: 8/16/2027

Anticipated Date of Approval from Institutional Governing Board: 9/9/2026

Anticipated Date of ACHE Meeting to Vote on Proposal: 9/11/2026

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

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



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I. Program Description

A. Concise Program Summary (one paragraph) to be included in ACHE Agenda:

The Biomedical Equipment Technology (BMET) Associate in Applied Science degree at Wallace Community College will prepare students to install, maintain, calibrate, troubleshoot, and repair biomedical and healthcare technology systems used in hospitals, clinics, laboratories, and medical facilities. The program is designed to prepare graduates for entry-level employment as Biomedical Equipment Technicians (BMETs) and related healthcare technology support positions. The program will provide hands-on instruction in biomedical electronics, patient monitoring systems, diagnostic imaging support systems, medical device networking, cybersecurity fundamentals, and healthcare safety standards. Students will gain practical experience through laboratory instruction, clinical simulations, and work-based learning partnerships with regional healthcare employers. The program will build upon Wallace's existing Industrial Systems Technology infrastructure and Health Sciences resources while supporting workforce development in a high-demand healthcare technology field. The program will be housed in an existing facility that will be renovated as part of a \$104 million capital expansion project designed to increase capacity for high-demand technical programs. The program will be supported by an active industry advisory committee composed of regional healthcare providers, biomedical service organizations, hospital systems, and medical equipment industry representatives to ensure continuous curriculum alignment, equipment relevance, and workforce responsiveness.

B. Specific Rationale (Strengths) for the Program

List three (3) to five (5) strengths of the proposed program as specific rationale for recommending approval of this proposal.

1. Strong regional demand for biomedical equipment technicians across hospitals, clinics, and healthcare service providers.
2. Alignment with Region 6 ACCCP in-demand occupations and documented Lightcast workforce data.
3. Leverages Wallace Community College's existing Industrial Systems Technology and Health Sciences infrastructure and faculty expertise.
4. Strong employer partnerships support internships, work-based learning, advisory input, and graduate placement opportunities.
5. Provides students access to high-skill, high-wage healthcare technology careers within Southeast Alabama.

C. External Support (Recommended)

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. RTI Medical Systems



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2. Southeast Health
3. Flowers Hospital

D. Student Learning Outcomes

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

1. The student will be able to diagnose and troubleshoot biomedical and healthcare technology systems using industry-standard diagnostic tools and testing procedures.
2. The student will be able to perform preventive maintenance, calibration, and safety testing procedures on biomedical equipment.
3. The student will be able to apply healthcare safety regulations, infection control procedures, and biomedical compliance standards.
4. The student will be able to interpret technical manuals, schematics, wiring diagrams, and biomedical documentation.
5. The student will be able to demonstrate competency in electronics, digital circuitry, networking, and biomedical communication systems.
6. The student will be able to demonstrate professional communication, documentation, and problem-solving skills in healthcare technology environments.

E. 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.

Jefferson State Community College currently offers a Biomedical Equipment Technology program. Wallace Community College proposes this program to address the lack of BMET training opportunities within Region 6 and to improve geographic accessibility for students in Southeast Alabama. The proposed program will support regional healthcare workforce shortages and provide direct employment pathways for local students. No comparable Biomedical Equipment Technology program currently exists within Southeast Alabama or the Region 6 service area

F. Relationship to Existing Programs within the Institution

Nearly all new programs have some relationship to existing offerings through shared courses, faculty, facilities, etc. Is the proposed program associated with any existing offerings within the institution, including options within current degree programs? **Yes** ☒ **No** ☐



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If **yes**, please describe these relationships including whether or not the program will replace or compete with existing offerings: (**Note:** 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.)

The program will complement rather than compete with existing technical and healthcare offerings by expanding interdisciplinary healthcare technology training opportunities. The BMET program will be closely aligned with Industrial Systems Technology, Electronics, Computer Information Systems, and Health Sciences programs. Shared equipment, laboratories, and faculty expertise will support efficient program implementation.

If **not**, please describe how the institution plans to support a program unrelated to existing offerings.

G. Collaboration

Have any collaborations **within your institution** (i.e., research centers, across academic divisions, etc.) been explored? **Yes** ☒ **No** ☐

If **yes**, provide a brief explanation of the proposed collaboration plan(s) for the program:

The Biomedical Equipment Technology program will collaborate closely with existing programs within the Workforce Development and Career Technical Education division, including Industrial Systems Technology, Electrical Technology, and Health Science Programs. Shared use of lab space, diagnostic equipment, and safety training resources will maximize institutional efficiency. Additionally, general education departments will support the program through required academic coursework.

Have collaborations with **other institutions or external entities** (i.e., local business, industries, etc.) been explored? **Yes** ☒ **No** ☐

If **yes**, provide a brief explanation of the proposed collaboration plan(s) for the program:

The program will collaborate with regional healthcare providers, biomedical service organizations, and workforce agencies to support internships, advisory committee participation, equipment support, and work-based learning opportunities. These partners will provide internship placements, equipment support, curriculum input, and potential apprenticeship opportunities. Industry partners will also assist in evaluating workforce trends, technical skill needs, and emerging healthcare technology competencies. Collaboration with the Alabama Career Center System will support student placement and workforce alignment. Additional partnerships will be developed to support work-based learning and job placement pipelines.

H. Programmatic Accreditation

Select the appropriate program accreditor from the drop-down menu below:

Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)



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Provide a detailed timeline for gaining accreditation (i.e., when will full candidacy be reached?):

The program will operate under the institutional accreditation of the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). No separate specialized programmatic accreditation is currently required for Biomedical Equipment Technology associate degree programs..

I. Professional Licensure

Will the program be considered a Professional Licensure Program based on the following definition: **Yes** ☐ **No** ☒

Professional Licensure Program: As defined in federal regulations, an instructional program that is designed to meet educational requirements for a specific professional license or certification that is required for employment in an occupation or is advertised as meeting such requirements.

If **yes**, please explain:

Select the appropriate licensure body from the table below:

Choose an item.

Select the appropriate license from the table below:

Choose an item.

J. Professional Certification

Will students earn industry certifications while completing the degree or be prepared for industry certifications upon graduation? **Yes** ☒ **No** ☐

If **yes**, please explain:

Coursework and technical competencies will support graduate preparation for the Certified Biomedical Equipment Technician (CBET) certification pathway and related biomedical safety testing competencies.

K. Admissions

Provide any additional admissions requirements beyond the institution's standard admissions process/policies for this degree level. Include prerequisites, prior degrees earned, etc.

Students must meet all institutional admissions requirements. Students participating in clinical or work-based learning experiences may be required to complete background checks, immunization records, and facility-specific onboarding requirements. Requirements may vary depending on participating healthcare facilities.



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L. Mode of Delivery

Provide the planned delivery format(s) of the program as defined in policy (i.e., in-person, online, hybrid). Please also note whether any program requirements can be completed through competency-based assessment.

The Biomedical Equipment Technology program at Wallace Community College is planned to be delivered in the following formats:

In-Person: The primary mode of delivery will be in-person classes held on-campus at Wallace Community College in Dothan, an approved, accredited site. This format allows students to engage in hands-on learning experiences within biomedical laboratories and technical training environments essential for mastering medical equipment diagnostics, calibration, preventive maintenance, electronics troubleshooting, and healthcare technology repair.

Hybrid Format: The program may offer a hybrid format for select courses, combining online theoretical instruction with in-person laboratory sessions. This approach provides flexibility while ensuring students develop the practical hands-on competencies required in the biomedical equipment technology field.

By offering a combination of in-person and hybrid delivery options, the program ensures students receive comprehensive biomedical equipment training while accommodating diverse learning preferences.

Can students complete the entire degree program through distance education (100% online) based on the following definition? **Yes** ☐ **No** ☒

Distance Education: An academic program for which required instructional activities can be completed entirely through distance education modalities. A distance education program may have in-person requirements that are non-instructional (e.g., orientation, practicum).

M. Instructional Site(s)

Provide the planned location(s) where the program will be delivered (i.e., main campus, satellite campus, off-campus site.) If the program will be offered at an off-campus site, provide the existing site name or submit an **Off-Campus Site Request** if new.

The Biomedical Equipment Technology program will be offered on the Wallace Community College – Dothan Campus – 1141 Wallace Drive, Dothan, AL 36303

Will more than 50% of this program be offered at an off-campus site(s) **Yes** ☐ **No** ☒

If **yes**, which sites?

N. Industry Need

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 SOC codes can be found at <https://www.onetcodeconnector.org/find/family/title#17>.



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SOC 1 (**required**): 49-9062 — Medical Equipment Repairers

SOC 2 (optional):

SOC 3 (optional):

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).

Healthcare systems across the Wiregrass region rely on increasingly complex biomedical equipment to deliver safe, effective patient care. However, there is currently no dedicated Biomedical Equipment Technology (BMET) training program in Region 6, creating a workforce gap in a critical healthcare support field. While Wallace Community College currently trains students in Industrial Systems Technology and provides strong foundational skills in electronics, troubleshooting, and mechanical systems, there is no formal pathway connecting these competencies to healthcare-specific biomedical applications. However, companies are hiring Industrial System Technology students and training internally to meet their needs. This gap results in an unmet workforce development opportunity: students are being trained in relevant technical skills, yet the region lacks a structured credential pathway that transitions them directly into high-wage biomedical careers. This proposal addresses that gap by converting existing technical training capacity into a specialized healthcare technology workforce pipeline.

The proposed program aligns directly with workforce priorities identified by the Alabama Community College System Career and Technical Education Division (ACCCP) and regional labor market data. Medical Equipment Repairers (SOC 49-9062) appear on the ACCCP Region 6 in-demand occupations list, which identifies approximately 110 regional positions, 15 annual openings, and a median annual wage of \$56,607 based on Alabama workforce projections. In addition, Lightcast Q2 2026 labor market data for the broader 10-county regional service area identifies approximately 135 Medical Equipment Repairers employed in 2025, with projected growth to 141 jobs by 2030 and approximately 13 annual openings. Lightcast further reports a regional median wage of \$80,584 for this occupation, approximately 29% above the national median wage of \$62,629. These combined data sources demonstrate sustained regional demand for biomedical equipment technicians across healthcare facilities and related service industries.

Regional workforce and economic trends further support the need for expanded healthcare technology training opportunities. The Region 6 area experienced approximately 6.8% job growth between 2020 and 2025, adding more than 10,400 jobs, with additional growth projected through 2030. Health Care and Social Assistance remains one of the region's top growing industries, while Installation, Maintenance, and Repair occupations continue to rank among the region's fastest-growing occupational groups.



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Lightcast occupational analysis also demonstrates employer demand for specialized biomedical technical competencies. Regional job postings identify calibration, preventive maintenance, equipment repair, electronics, medical devices, biomedical engineering, biomedical instrumentation, and Certified Biomedical Equipment Technician (CBET) preparation among the defining technical skills requested by employers. Additional workforce competencies include quality improvement, infection control, hazardous material handling, compliance training, medical privacy procedures, and field service management. Employers posting for these occupations include community health systems, professional services corporations, and Personnel Resources, with job titles including Biomedical Equipment Technician (BMET), Biomedical Engineering Technician, Field Service Biomedical Equipment Technician, and Certified Biomedical Equipment Technician (CBET).

Current educational capacity remains limited within the region. Lightcast data indicates that only one related instructional program generated completions in 2024, producing only six completers across the regional service area, while the occupation averaged approximately 13 annual openings during the same period. This demonstrates a continued gap between workforce demand and the available training pipeline.

The proposed Biomedical Equipment Technology (BMET) program will address this workforce need by preparing students with the technical knowledge and hands-on skills required to install, maintain, troubleshoot, calibrate, and repair biomedical and electromedical equipment used in hospitals, clinics, laboratories, outpatient care centers, and medical equipment service organizations. The program will support workforce development efforts in healthcare technology and equipment service industries while providing students with access to stable, high-skill, high-wage career opportunities throughout the Wiregrass region and the State of Alabama.

O. Additional Education/Training

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

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

P. Student Demand

Please explain how you projected the student enrollment numbers in the **Business Plan, Lines 24-27** and provide evidence to substantiate student demand (i.e., surveys, enrollments in related courses, etc.).

Projected enrollment is based on documented regional workforce demand, existing institutional enrollment patterns in technical programs, employer engagement, and the growing need for healthcare technology support personnel throughout the Wiregrass region. Wallace Community College-Dothan currently serves a region experiencing continued employment growth, with Health Care and Social Assistance identified by Lightcast as one of the region's top growing



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industries. In addition, Installation, Maintenance, and Repair occupations remain among the region's top growing occupational categories, supporting demand for technically skilled workers with troubleshooting, electronics, and equipment maintenance experience.

The proposed Biomedical Equipment Technology (BMET) program aligns closely with student interest already demonstrated through existing Industrial Systems Technology, Electrical Technology, Electronics, and Health Sciences pathways, where students pursue careers involving electronics, diagnostics, automation, instrumentation, and healthcare support systems. Regional demographic and workforce trends also support the need for expanded technical education opportunities. The Region 6 labor force exceeds 165,000 workers, and the area continues to experience projected population and employment growth through 2030.

Labor market data from Lightcast identifies Medical Equipment Repairers (SOC 49-9062) as a specialized, high-wage occupation with regional employment levels significantly above the national average for a comparable service area. The occupation currently supports approximately 135 regional jobs with projected growth to 141 jobs by 2030, while regional median earnings of \$80,584 substantially exceed the national median wage of \$62,629. Major employing sectors include hospitals, outpatient care centers, medical equipment suppliers, wholesalers, and healthcare support organizations.

Employer feedback and workforce analysis further validate the need for trained biomedical equipment technicians with competencies in calibration, preventive maintenance, electronics, equipment repair, biomedical engineering, medical devices, and Certified Biomedical Equipment Technician (CBET) preparation. Regional employers posting for these occupations include healthcare systems and biomedical service providers such as RTI Medical Systems and Community Health Systems Professional Services Corporation. Employers have consistently identified difficulty recruiting qualified technicians with both electronics troubleshooting skills and healthcare technology knowledge, particularly within rural healthcare service areas.

Current educational capacity remains extremely limited. Lightcast data identified only one related instructional program in the region producing completions in 2024, with only six total completers available to support regional workforce needs. This limited pipeline, combined with continued healthcare industry growth and increasing reliance on advanced medical technology systems, supports conservative initial enrollment projections with anticipated growth as employer partnerships, clinical experiences, and program awareness continue to expand throughout the service area.

Enrollment projections were developed conservatively based on documented labor market demand, existing enrollment trends in related technical programs, employer engagement, and available regional educational capacity. Based on documented workforce demand, student interest in related technical programs, and limited regional educational capacity, Wallace Community College-Dothan anticipates an initial cohort of approximately 15–20 students, with enrollment projected to grow to 30–40 students annually as employer partnerships, clinical training opportunities, and program awareness continue to expand.

II. Program Resources and Expenses

A. All Proposed Program Personnel

Provide all personnel counts for the proposed program.



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Employment Status of Program Personnel		Personnel Information		
		Count from Proposed Program Department	Count from Other Departments	Subtotal of Personnel
Current	Full-Time Faculty	0	2	2
	Part-Time Faculty	0	0	0
	Administration	2	0	2
	Support Staff	1	0	1
**New To Be Hired	Full-Time Faculty	1	0	1
	Part-Time Faculty	0	0	0
	Administration	0	0	0
	Support Staff	0	0	0
Personnel Total				6

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 Biomedical Equipment Technology program will be supported by one full-time Biomedical Equipment Technology instructor with documented experience in biomedical electronics and/or healthcare technology systems. This faculty member will provide primary instructional responsibility for all Biomedical Equipment Technology lecture and laboratory courses and will ensure consistent curriculum delivery, laboratory oversight, equipment utilization, and ongoing program assessment aligned with industry standards.

At program launch, a single full-time faculty member is sufficient to support projected enrollment and course offerings, with additional instructional capacity provided through existing Industrial Systems Technology and Health Sciences faculty as needed for interdisciplinary content support and foundational technical coursework. Adjunct instructors may be engaged on a limited basis to address enrollment growth or to provide specialized expertise in targeted biomedical equipment systems or clinical applications.

Preferred qualifications for the full-time instructor include formal coursework or instructional experience in Biomedical Equipment Repair or Clinical Engineering, along with a minimum of six years of industry experience in healthcare technology management, biomedical equipment service, or related fields. Recruitment efforts will target qualified biomedical equipment technicians, clinical engineering professionals, and healthcare technology specialists from hospitals, healthcare systems, and medical equipment service organizations.

The full-time position will be filled prior to program implementation to ensure full instructional readiness, laboratory preparation, and curriculum alignment. This staffing model ensures program quality, instructional integrity, and compliance with industry expectations for biomedical equipment technology education.



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Note: Include *any new funds* designated for compensation costs (faculty, administration, and/or support staff to be hired) in the **Business Plan, Line 7 - Personnel Salaries and Benefits**. Current personnel salary/benefits *should not be included* in the Business Plan.

B. Proposed Faculty Roster*

Complete the following **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 (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)
FT	All BET Courses – UN, DU	Specialized coursework or teaching experience in Biomedical Equipment Repair, and a minimum of six years of industry experience	IP, HY

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

C. Equipment

Will any special equipment be needed specifically for this program? Yes ☒ No ☐



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If **yes**, list the special equipment and include all special equipment costs in the **Business Plan, Line 8**:

	NAME	QTY	MANUFACTURER	MODEL	Individual Cost	Total Costs
BIOMEDICAL EQUIPMENT TECHNICIAN:						
1	Cleartouch Display / PC	1	Cleartouch	86" Interactive Panel/Stand	\$5,867	5,867.00
2	Infusion Pumps - BD Alaris Medley Infusion Pump	4	BD Alaris Medley	DAC-457000	\$5,026	20,105.60
3	Biphasic Defibrillators - Physio-Control LIFEPAK 15	4	Amatrol	T7017A	26774.85	107,099.40
4	Portable Bedside Monitors Philips IntelliVue MP30	4	LIFEPAK	LIFEPAK 20e	\$1,250	5,000.00
5	Vital Signs Monitors - ADC ADView 2	4	ADC	8015 Infusion Pump	\$831	3,323.96
6	Portable Bedside Monitors GE CARESCAPE Monitor	4	GE	IntelliVue MX400	\$7,168	35,840.20
7	Vital Signs Monitors - Welch Allyn Connex	4	Welch Allyn	B450 Monitor	\$4,977	19,909.12
8	Electrosurgical Unit - Bovie Bantam PRO	4	Bovie	E8 Centrifuge	\$2,323	9,291.16
9	Autoclaves - Midmark M9 UltraClave	4	MidMark	Carescape V100	\$3,001	12,003.08
10	Vital Signs Monitors - GE CARESCAPE V100	4	GE	Connex Spot Monitor	\$655	2,618.56
11	Ventilators - Philips Respironics V60	2	Philips	Diagnostix 9003	\$7,500	15,000.00
12	Centrifuge Tachometer - Hand Held	4	Bovie Medical	Aaron 1250	\$300	1,200.00
13	Centrifuge - LW Scientific E8 Combination Centrifuge	4	LW Scientific	Trilogy EVO	\$890	3,560.00
14	Defibrillator Analyzers - Fluke Biomedical Impulse 7000DP	4	Fluke	M9 UltraClave	\$8,434	33,734.44
15	Infusion Pump Analyzer -Pronk IPA-3400	4	Pronk Technologies	M9 Steam Sterilizer	\$6,120	24,480.00
16	Ventilator Tester -TSI Certifier Plus	4	TSI Incorporated	Impulse 7000DP	\$6,200	24,800.00
17	Ventilator Tester -Citrex H5	4	Citrex	FlowTrax	\$7,890	31,560.00
18	Digital Multimeters - Fluke 117	5	Fluke	SimCube SC-5	\$375	1,875.00



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19	Electrical Safety Analyzer - Fluke ESA620	4	Fluke	Tach-It	\$7,978	31,910.00
20	Electrical Safety Analyzer - BC Group SA-2010S	4	BC Group	ESA620	\$2,559	10,235.20
21	ESU Analyzer - Fluke QA-ES III	4	Fluke	SA-2000	\$9,754	39,015.80
22	ESD - Safe Solder & Rework System	3	BC Group	87V	\$1,257	6,284.25
23	Single Channel Hot Air Rework Station	1	Fluke Biomedical	QA-ES III	\$1,063	5,314.70
24	Digital Storage Oscilloscopes (200 MHz)	5	Tektronix	H61MWC15 HD-TL	\$2,081	2,080.50
25	Digital Storage Oscilloscopes (200 MHz) - 5M	5	Tektronix	TBS2202B	\$3,180	3,180.00
26	AC/DC ELECTRICITY TRAINER - AC / DC Electrical Learning System w/Mobile Workstation	1	Amatrol	33500B Series	\$10,260	10,260.00
27	AC/DC MACHINES TRAINER	1	Amatrol	DP832A	\$10,725	10,725.00
28	Jensem BioMed Tech Tools - Kit	1	Jensem		\$1,314	6,570.45
					Total Est. Cost	482,843.42

D. Facilities

Will new facilities or renovations to existing infrastructure be required specifically for the program?

Yes ☒ No ☐

If **yes**, describe the new facilities or renovations and include all *new* facilities and/or *renovation* costs in the **Business Plan, Line 9**:

The Biomedical Equipment Technology program will be housed in a newly renovated training facility as part of a \$104 million capital construction project at Wallace Community College – Dothan. The full capital project supports multiple workforce programs across the campus. The BMET facility will include dedicated biomedical equipment labs designed to support training, including Biomedical analyzers and safety testers, Patient monitors and infusion pumps, Ventilator trainers and diagnostic equipment, Electronics and circuitry trainers, Medical device networking equipment, and Cybersecurity and computer diagnostic software

The design of the facility will support hands-on instruction aligned with industry standards and safety requirements. The space will also accommodate future program expansion and increased enrollment capacity. Construction timelines align with program implementation.

E. Assistantships/Fellowships

Will the institution offer any assistantships specifically for this program?

Yes ☐ No ☒



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If **yes**, provide the number of assistantships to be offered and include all *new* costs for assistantships in the ***Business Plan, Line 10.***

Explain the function of the Assistantships (i.e., teaching, research, etc.)?:

F. Library

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

If **yes**, briefly describe new resources to be purchased and include the cost of new library resources in the ***Business Plan, Line 12:***

G. Accreditation Expenses

If programmatic accreditation was indicated above, please include all accreditation costs in the ***Business Plan, Line 13*** and itemize and explain below:

Costs include faculty professional development, certification alignment, instructional materials, and ongoing program review expenses. Additional costs in Year 6 reflect equipment updates and certification renewals.

H. Other Costs

Please include all other costs incurred with program implementation, such as marketing or recruitment, in the ***Business Plan, Line 13*** and explain below:

Additional costs associated with program implementation include marketing and student recruitment, outreach to local high schools and career centers, and promotional materials to build program awareness. Funds will also support faculty training, initial curriculum development, and industry engagement activities to ensure program alignment with workforce needs.

III. Program Revenue and Funding

A. Tuition Revenue: Please describe how you calculated the tuition revenue that appears in the ***Business Plan, Line 19.*** Specifically, did you calculate using cost per credit hour or per term? Did you factor in differences between resident and non-resident tuition rates?

Note: Tuition Revenue should be proportional to total enrollment.

Tuition revenue was calculated using an average of 12 credit hours per semester at an estimated \$180 per credit hour, multiplied by projected enrollment. These estimates align with the institution's current tuition rate structure and assume primarily in-district student enrollment; therefore, differences between in-state and out-of-state tuition were not heavily weighted.

Initial enrollment is projected at approximately 20 students, and enrollment is expected to grow steadily to approximately 35-40 total students annually as the program becomes



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established and industry partnerships expand. Tuition revenue projections increase proportionally with enrollment growth as reflected in the Business Plan.

- B. External Funding:** Will the proposed program require external funding (e.g., Perkins, Foundation, Federal Grants, Sponsored Research, etc.)? **Yes** ☒ **No** ☐

If **yes**, please include all external funding in the **Business Plan, Line 18** and explain specific sources and funding below:

External funding will include the annual Perkins allocation support for equipment, instructional resources, and program improvement initiatives. Additional support is anticipated through industry partnerships in the form of equipment donations, training support, and potential sponsorships.

Modest external funding projections are included in the Business Plan and are expected to increase over time as partnerships with regional employers are further developed and formalized. These partnerships will also support work-based learning opportunities and strengthen graduate placement outcomes.

- C. Reallocations:** For each year will tuition revenue and/or external funding cover projected expenses? **Yes** ☐ **No** ☒

If **not**, budget reallocation may be required. Please include all reallocations in the **Business Plan, Line 17** and describe below how your institution will cover any shortfalls in any given year.

Tuition revenue and external funding are expected to cover projected program expenses once the program is established sufficiently. Minimal institutional reallocations are included in the Business Plan to support initial implementation and to account for minor funding gaps in early years. The institution will monitor program performance and adjust resources as needed to ensure long-term sustainability.

ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY								
INSTITUTION:	Wallace Community College - Dothan							
PROGRAM NAME:	Biomedical Equipment Technology - AAS						CIP CODE:	15.0401
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	\$82,366	\$82,366	\$82,366	\$82,366	\$82,366	\$86,645	\$86,645	\$585,120
ADMINISTRATION/STAFF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
EQUIPMENT	\$470,661	\$0	\$0	\$0	\$0	\$0	\$0	\$470,661
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	\$553,027	\$82,366	\$82,366	\$82,366	\$82,366	\$86,645	\$86,645	\$1,055,781
NEW REVENUES AVAILABLE FOR PROGRAM SUPPORT								
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
REALLOCATIONS	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
EXTERNAL FUNDING	\$0	\$0	\$10,000	\$0	\$10,000	\$0	\$10,000	\$30,000
TUITION + FEES	\$32,400	\$54,000	\$64,800	\$86,400	\$97,200	\$108,000	\$108,000	\$550,800
TOTAL REVENUES	\$32,400	\$84,000	\$74,800	\$86,400	\$107,200	\$108,000	\$118,000	\$610,800
ENROLLMENT PROJECTIONS								
<i>Note: "New Enrollment Headcount" is defined as unduplicated counts across years.</i>								
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
FULL-TIME ENROLLMENT HEADCOUNT	No data reporting	20	25	30	35	40	40	31.67
PART-TIME ENROLLMENT HEADCOUNT		5	5	10	10	10	10	8.33
TOTAL ENROLLMENT HEADCOUNT		25	30	40	45	50	50	40.00
NEW ENROLLMENT HEADCOUNT		10	15	15	20	20	20	16.67
Validation of Enrollment			YES	NO	NO	NO	NO	
DEGREE COMPLETION PROJECTIONS								
<i>Note: Do not count Lead "0"s and Lead 0 years in computing the average annual degree completions.</i>								
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
DEGREE COMPLETION PROJECTIONS	No data reporting	10	20	25	25	27	32	23.17

Undergraduate Curriculum Plan

Undergraduate Curriculum Checklist:

1. Overview ☐
2. Components ☐
3. Options (as required) ☐

1. Undergraduate Overview

Enter the credit hour value for all applicable components (N/A if not applicable).

The credit hours **MUST** match the credit hours in the Curriculum Components table.

Curriculum Overview of Proposed Program	
Credit hours required in General Education	16
Credit hours required in Program Courses & Required Electives	46
Credit hours in Program Options (concentrations/specializations/tracks)	0
Credit hours in Free Electives	0
Credit hours in required Capstone/Internship/Practicum	
Total Credit Hours Required for Completion:	62

Maximum number of credits that can be transferred in from another institution and applied to the program:

Intended program duration in semesters for full-time students:

Intended program duration in semesters for part-time students:

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**, please explain (i.e., number of hours required, etc.):

Does the program include any concentrations/ tracks/ options?

YES

NO

☐☐

If **yes**, please explain (i.e., define):

2. Undegradate Components

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.

Insert Additional Rows as Needed				
Institution:	Wallace Community College - Dothan			
Program Name:	Biomedical Equipment Technology			
Program Level:	UNDERGRADUATE (ASSOCIATE)			
Curriculum Components of Proposed Program				
Course Number	Course Name	Credit Hours	New? (Y)	WBL? (Y)
General Education Courses		16		
ENG 101	English Composition I	3	N	
SPH 106 or SPH 107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3	N	
MTH 100	Intermedicate College Algebra or Higher	3	N	
BIO 101	Introduction to Biology	4	N	
PSY 200	General Psychology	3	N	
Program Courses and Required Electives		43		
ORI 101/ORT100	Orientation to College OR Orientation for Career Success	1	N	
BET 200	Introduction to Biomedical Electronic Systems	3	Y	
BET 201	Pulse & Computer Circuits	3	Y	
BET 202	Biomedical Electronic Systems I	3	Y	
BET 203	Biomedical Electronic Systems II	3	Y	
BET 205	Law & Legal Issues in HTML	3	Y	
CIS 146	Microcomputer Applications	3	N	
CIS 161	Introduction to Network Communications	3	N	
CIS 245	Cyber Defense	3	N	
ELT 108 or INT 101	DC Fundamentals	3	N	
ELT 109 or INT 103	AC Fundamentals	3	N	
ELT 231 or INT 184	Introduction to Programmable Logic Controllers (PLCs)	3	N	
ELT 221 or INT 123	Electronics for Electricians or Concepts of Solid State Electronics	3	N	
INT 284	Advanced Programmable Logic Controllers	3	N	
HED 231	First Aid	3	N	
Program Options (enter total credit hours from all options below)		0		
Free Electives				
Capstone/Internship/Practicum		3		
BET 204	Clinical On-Site Study	3	Y	
Total Credit Hours Required for Completion:		62		



Thursday, May 28, 2026

Jimmy H. Baker, Chancellor
Alabama Community College System
PO Box 302130
Montgomery, AL 36130-2130

Dear Chancellor Baker:

On behalf of Eye Center South, I am pleased to offer my strong support for Wallace Community College's proposal to establish a Biomedical Equipment Technician (BMET) program. As healthcare continues to evolve and become increasingly dependent on advanced medical technology, the need for highly trained biomedical technicians has never been greater.

Throughout my 48 years in healthcare, I have seen firsthand the critical role that skilled biomedical professionals play in ensuring patient safety, supporting physicians and clinical teams, and maintaining the sophisticated equipment that modern medicine depends upon every day. Developing a local workforce pipeline for these essential positions is an important investment not only for healthcare providers, but for the future economic growth and stability of the entire Wiregrass region.

This program represents an exciting opportunity for students to pursue meaningful, high-demand careers while allowing healthcare organizations and industry partners to recruit and retain qualified talent close to home. Initiatives such as this strengthen our communities by creating educational pathways that directly align with workforce needs.

As the program develops, Eye Center South would welcome opportunities to support Wallace Community College through collaboration and engagement, including:

- Sharing information about the program throughout our professional and community networks.
- Exploring internship, apprenticeship, or job-shadowing opportunities when feasible.
- Participating in advisory discussions regarding industry trends and workforce needs.
- Considering qualified graduates for future employment opportunities.

Our organization continues to experience a growing need for individuals with strong technical, biomedical, and healthcare technology expertise, and we believe this demand will only continue to increase in the years ahead.

I commend Wallace Community College-Dothan for its leadership and forward-thinking approach in developing programs that address critical workforce shortages while expanding opportunities for students across our region. Thank you for the opportunity to express our support for this important initiative.

Sincerely,

A handwritten signature in blue ink, appearing to read "M. E. Heersink", with a stylized flourish at the end.

Marnix E. Heersink, M.D.
Managing Partner
Eye Center South



Jimmy H. Baker, Chancellor
Alabama Community College System
PO Box 302130
Montgomery, AL 36130-2130

Dear Chancellor Baker:

As a Partner of RTI Medical Systems, Inc., I confirm our full commitment to patient care through advanced technological infrastructure. I write to enthusiastically support Wallace Community College-Dothan's (WCCD) proposal to launch a Biomedical Equipment Technician (BMET) program. This initiative represents a vital investment in the Wiregrass region workforce. It directly addresses a critical shortage of technicians with specialized knowledge of healthcare regulations and technical electronics skills.

To ensure the sustainability and impact of this project, RTI Medical Systems, Inc. formally endorses this program with:

Community Advocacy: Promote the BMET program at institutional and regional outreach events.

Pipeline Recruitment: Guarantee priority interviews and hiring considerations for program graduates.

Strategic Governance: Serve on the BMET Advisory Board to guide curriculum alignment.

Our organizational data reflects the urgent regional need for this training pipeline. WCCD's BMET Short-Term Certificate program will directly mitigate this severe workforce gap, resulting in safer patient outcomes and elevated healthcare quality across our communities. We strongly urge full funding for this vital proposal.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd Wayland". The signature is stylized with a large, looping "T" and a long, sweeping horizontal stroke.

Todd Wayland

Partner / Sales Manager

RTI Medical Systems, Inc.



126 Hospital Avenue • Ozark, AL 36360 • (334) 774-2601 • Fax (334) 774-7600
Website: www.dalemedical.org

May 27, 2026

Jimmy H. Baker, Chancellor
Alabama Community College System
PO Box 302130
Montgomery, AL 36130-2130

Dear Chancellor Baker:

As CEO of Dale Medical Center, I know that patient care is not just provided by clinicians, but supported by robust technology. I am writing to wholeheartedly support Wallace Community College-Dothan's endeavor to launch a Biomedical Equipment Technician (BMET) program. This program is a critical investment in the Wiregrass region. It addresses a pressing workforce challenge in healthcare—to hire qualified technicians who possess both the healthcare regulatory training and the electronics/technical skills to maintain diagnostic and life-support equipment. The new BMET program that WCCD is proposing will fill this workforce gap.

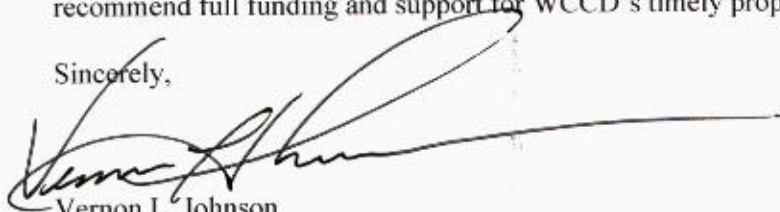
To assist with this project, Dale Medical Center will provide the following support:

- Promote this program at organizational and community outreach events.
- Take an active role in interviewing and hiring BMET program completers.
- Provide job training in the form of apprenticeships for those selected for the BMET program.
- Pair senior technical staff with BMET apprentices for on-going job development.
- Serve on BMET Advisory Board to provide curriculum and outcome feedback.

Dale Medical Center is committed to the success of this project. Due to rapid advances in technology, we anticipate future hiring needs to increase within the next three years.

By investing in the Biomedical Equipment Technician Short-Term Certificate program, Wallace Community College will address a critical and expanding workforce shortage. Addressing this training need will lead to safer patient outcomes and higher quality care in our community. We strongly recommend full funding and support for WCCD's timely proposal to ensure its success.

Sincerely,



Vernon L. Johnson
CEO

"Right Where You Need Us"