

 Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Myrtes Green

From: Bruce Crawford **Sent:** Fri 1/30/2009 5:14 PM
To: Myrtes Green
Cc:
Subject: FW: ABR Long Certificate
Attachments:  The Alabama College System ABR Application.docx(60KB)  2008_06_26_15_39_14.pdf(618KB)

From: Charles Murray
Sent: Thu 6/26/2008 4:28 PM
To: Bruce Crawford
Subject: ABR Long Certificate

Attached you will find the Application for the ABR long-certificate. Do you want me to copy Dr. Ward so we can get it signed and down to Montgomery in the morning?

Thanks

The Alabama Community College System
 Application For A New Instructional Program

A. General Information:

1. Name of Institution: Lawson State Community College
2. Program Title: Automotive Body Repair Prefix: ABR
3. Date of Application Submission: March 14, 2008
4. Proposed Program Implementation Date: January 1, 2009
5. Degree: Certificate of 60 semester hours or less CIP Code: 47.0603
6. Marketing Name: Auto Body Repair
7. Options (if any): Collision Repair
8. Requesting approval of Short-Term CER: Yes No
9. Location: Campus – Birmingham Instructional Site: Birmingham Campus
 Off-Campus Site: No Clinical/Industrial Site: No
 Agencies: NA

10. Interactive Distance Learning Delivery:

Substantial	Yes	%	Partial	Yes	%	No
						X

B. Institutional Approval:

 Associate Dean, Career/Technical Education
 Telephone: (205) 929-3433 FAX: (205) 424-8575 E-mail: cmurray@lawsonstate.edu

 Vice President, Instructional Services
 Telephone: (205) 929-6312 FAX: (205) 929-6409 E-mail: bcrawford@lawsonstate.edu

 President
 Telephone: (205) 929-3503 FAX: (205) 923-1649 E-mail: oward@lawsonstate.edu

C. Program Authorization:

	Approved	Disapproved	Date
ACHE			
ASBE			

ABR 214 Automotive Structural Repairs

- Repair damaged automotive frames

ABR 223 Automotive Mechanical Components

- Maintain, repair and replace brakes and braking systems
- Maintain, repair and replace drive train components
- Maintain, repair and replace fuel, intake, and exhaust system components

ABR 224 Automotive Electrical Components

- Maintain, repair and replace electrical system components
- Inspect, remove and replace active restraint systems
- Inspect, remove and replace passive restraint systems
- Disarm, inspect, remove and replace supplemental restraint systems (SRS)

ABR 255 Steering and Suspension

- Correct damaged suspension systems
- Correct damaged steering systems

ABR 258 Heating and A/C in Collision Repair

- Maintain, repair and replace heating and air conditioning system components
- Maintain, repair and replace engine cooling system components

ABR 261 Restraint Systems

- Inspect, remove and replace active restraint systems
- Inspect, remove and replace passive restraint systems
- Disarm, inspect, remove and replace supplemental restraint systems (SRS)

ABR 265 Paint Defects and Final Repair

- Identify and correct paint defects
- Perform final detailing of vehicle

Each syllabus lists the Industry/Professional Competencies, Student Performance Objectives, and Enabling Objectives. (**Note: All syllabi are in Attachment 1**).

All ABR curricula is designed to prepare students for the following certifications by the National Institute for Automotive Service Excellence (ASE):

ASE B2 Painting and Refinishing

ASE B3 Non-Structural Analysis and Damage Repair

ASE B4 Structural Analysis and Damage Repair

ASE B5 Mechanical and Electrical Components

ASE B6 Damage Analysis and Estimation

The ABR courses include foundational academic skills in math such as integers, percents, ratio and proportions, metric system and linear equations; and technical writing such as research, organization, composition, documentation, and report presentation are used throughout the discipline. In addition to the foundational academic skills students in the certificate program will also take the following related courses:

WKO 107 Workplace Skills Preparation (WorkKeys - Applied Mathematics, Locating Information, and Reading for Information)

DPT 103 Introductory to Computer Skills

COM 100 Career Technical English

MAH 101 Career Technical Mathematics

SPC 103 Career Technical Speech

2. How will this program be related to other programs at your institution?
 - Prior to the merger of Lawson State Community College and Bessemer State Technical College in 2005, the Auto Body Repair (ABR) program was the only transportation oriented program at Lawson State. The merger created an extensive transportation department which includes: GM-ASEP, Ford-ASSET, Toyota T-TEN, Medium and Heavy Truck Technician, Automotive Mechanics, and Auto Body Repair. This large concentration helps attract more students to transportation related programs than if it were a stand-alone program.
3. Identify any existing program, option, concentration, or track that this program will replace.
 - Currently, Lawson State has a short-certificate in Auto Body Repair. The certificate will not replace it but simply provide an additional option for students.
4. Is it likely that this program will reduce enrollments in other programs at your institution? If so please explain.
 - Lawson State expects the new certificate to enhance ABR and even help grow other programs.
5. List new courses that will be added to your curriculum specifically for this program. Indicate course number, title, and credit hour value for each course.

ABR 223 Automotive Mechanical Components	3 credit hours
ABR 224 Automotive Electrical Components	3 credit hours
ABR 255 Steering and Suspension	3 credit hours
ABR 258 Heating and AC in Collision Repair	3 credit hours
ABR 261 Restraint Systems	3 credit hours
ABR 265 Paint Defects and Final Repair	3 credit hours

6. Program Completion Requirements:
 - Credit hours required in major (skills emphasis) – **45 Credit Hours**
 - Credit hours in institutional general education of core curriculum – **12 Credit Hours**
 - Credit hours in required or free electives – **2 Credit Hours**
 - Credit hours for each option, concentration, specialized track – **None**
 - Total credit hours required for completion – **59 Credit Hours**

Describe any additional requirements such as a comprehensive examination, practicum or internship, some of which may carry credit hours included in the list above.

- There are no additional requirements for the ABR certificate.

Attach the Certificate curricula by semester to this proposal as **APPENDIX A**.

7. If there is a recognized specialized accreditation agency for this program, please identify the agency and explain why you do or do not plan to seek accreditation. Indicate if graduation from an accredited program is a requirement to sit for a required licensure exam.
 - Lawson State Community College's GM – ASEP, Ford – ASSET, Toyota – T-TEN, Automotive Mechanics, and Medium and Heavy Truck Technician programs are certified by the National Automotive Technicians Education Foundation (NATEF). The Auto Body/Collision Repair program will submit the required paperwork for a site visit and certification once the certificate program is approved.

- Graduation from an accredited program is not a requirement to sit for ASE certification by the National Institute for Automotive Service Excellence. However, a student who successfully completes a NATEF certified program can substitute time in the program for a portion of the required work experience needed for ASE certification.
8. If passage of a licensure examination is required for employment in the proposed field, identify the examination and the administering body. Also, if a licensure examination is required, an objective relating to passage rates should be developed by the institution.
 - Passage of the ASE certifications by graduates commands respect and will improve earning potential. The College encourages students to sit for all ASE certifications. However, at this time, certification is not a requirement to work in the Auto Body/Collision Repair field.
 9. Identify specific Alabama senior institutions which will articulate the transfer of skills-emphasis credits for this program.
 - Because this is a career technical program there are no articulated credit agreements with Alabama senior institutions.
- E. Program Admissions Requirements, Enrollment Projections and Completion Projections
1. Describe briefly the criteria and screening process that will be used to select students for the program.
 - Lawson State Community College, as mandated by the State Board of Education, has an open door policy. Students are admitted into the Auto Body/Collision Repair program if they have a high school diploma, GED, or demonstrate an ability to benefit in the program. Students admitted under the ability to benefit provision are classified as "Non-Degree Eligible" students.
 - All applicants under ability to benefit must be:
 - 16 years of age
 - Not have been enrolled in a secondary education program for at least one calendar year (or upon the recommendation of the local superintendent)
 - Have specifically documented ability to benefit
 - Be a student without a high school diploma or GED Certificate, who wishes to enroll in designated ability to benefit programs and courses, must take an ability to benefit test. The GED coordinator arranges for an independent tester to administer the ability to benefit test to determine if the student can enter a designated program. The students must achieve a minimum score to enter.
 2. Describe the methodology for determining enrollment projections. If a survey of student interest was conducted, attach a copy of the survey instrument with a summary of results (how many, to whom, response rate) as **APPENDIX B**. Do not submit copies of the individual survey responses.
 - Since 2005, unduplicated headcount in the ABR short certificate program has steadily grown to over 80 students. Those enrolled in the program in 2006-2007 were polled by phone or in person as to the need for the six proposed mechanical courses. Eighty-two percent or 71 students indicated there was a need for the additional courses to supplement their current curriculum. Of those 71 students, 23 indicated they would be interested in earning the full certificate.

3. Provide a realistic estimate of enrollment at the time of program Implementation and over a five-year period based on the availability of students meeting the criteria stated above.

	2009-10	2010-11	2011-12	2012-13	2013-14	Total	Annual Average
Full-time enrollment	5	5	7	7	7	31	6.2
Part-time enrollment	11	12	12	15	20	70	14.0
Total Headcount Enrollment	16	16	19	22	27	100	20.0
New Admissions Headcount	12	12	19	22	27	92	18.4

4. Project the award completions and ratios.

	2008-09	2009-10	2010-11	2011-12	2012-13	Total	Annual Average
Projected Completers	7.5	7.5	8.9	10.3	12.7	47	9.4
Projected Program Completion Ratio to Total Headcount Enrollment	47%	47%	47%	47%	47%		47%

F. Program Need Justification

1. Will the program satisfy a clearly documented need (institutional, societal and employability) in an effective and efficient manner?
 - The proposed certificate will consist of the currently offered auto body repair classes; six automotive mechanics classes; and four general education courses. The goal of the certificate is to produce a multi-skilled auto body/collision repair technician who will be more employable with stronger earning power.
 - The Jefferson County Center for Workforce Development identifies auto mechanics as one of the top 40 high demand occupations through 2014. The proposed auto tech classes in the Auto Body/Collision Repair program will prepare graduates for more diverse employment. While nationally, employment of auto body and related repairers is expected to grow about as fast as average through the year 2016, job opportunities are projected to be excellent due to a growing number of retirements in this occupation. The number of jobs for automotive service technicians and mechanics is projected to grow faster than average for all occupations over the next decade. Job openings will be significantly larger because many skilled technicians are expected to retire during the next eight years. For Auto Body Repair Technicians the median hourly wage is \$16.92 (*Occupational Outlook Handbook, 2008-09 Edition*). Based on Lawson State Community College's employer surveys the hourly wage would increase by \$3.36 for ABR technicians with training in automotive mechanics.
 - The certificate will enable the college to operate more cost efficiently by utilizing the current equipment in the automotive technician programs.
 - Local collision repair employers in automotive dealerships and independent shops voiced overwhelming support for the new certificate. Forty-nine prospective employers returned surveys in regard to the certificate. The responders indicated that graduates with the additional skills would be more employable and that they would hire graduates with the certificate. They also indicated that the average wages for a graduate with the added skills is \$42,000 per year in the Birmingham Metropolitan Area.

2. If the program duplicates or closely resembles another program already offered in the state, can this duplication be justified?
- Lawson State Community College and several other two-year colleges have a short certificate in Auto Body Repair. However, Beville State Community College in Sumiton is the only one near Lawson State that offers the full-certificate. Because the two programs are located 32 miles apart there will not be duplication in program offerings.
3. What characteristics of the identified need require that it be met by a new program rather than an existing program? (Note: In explaining how the proposed program meets this criterion, an institution may refer to the criterion on collaboration and develop a response that addresses both criteria simultaneously). For purpose of this criterion, duplication is defined as the same or similar six-digit CIP Code and award level in the Master Academic Inventory. Institutions should consult with Department of Postsecondary Education staff during the ISPA phase of application development to determine what existing programs are considered duplicative of the proposed program.
- Currently, Lawson State Community College offers a short-certificate in Auto Body Repair. The College also offers a short-certificate, full-certificate and associate degree for automotive technicians. The full-certificate in Auto Body/Collision Repair will bring these two programs together in a cost efficient manner that allows students to receive proper training in the fastest possible time frame. Collaboration between the Auto Body Program on Lawson State's Birmingham campus and the Automotive Technician programs on its Bessemer campus is an economic way to provide a unique program for technicians in Birmingham.
4. Based on your research on the employment market for graduates of this program, indicate the total projected job openings (including both growth and replacement demands) in your State Board of Education approved service area as well as the state at large. These job openings should represent positions that require graduates from a program such as the one proposed.
- There are 6,973 auto body/collision repair shops in Alabama and 4,801 of them are located in the Greater Birmingham area. On the average, shops employ 3 technicians. The *Occupational Outlook Handbook* says the job opportunities for auto body/collision repair technicians will increase by 12% between 2006 and 2016.
 - The *Occupational Outlook Handbook* also reports that opportunities will be excellent for people with formal training in automotive body/collision repair and refinishing.

	2009-10	2010-11	2011-12	2012-13	2013-14	Total
College Service Area	173	175	177	179	181	885
State	251	254	257	260	263	1,285

5. Give a brief description of the methodology used to determine the projected job openings (such variables as (a) assurance of adequate employer surveys, (b) business/industry markets, and (c) response rate. Cite all relevant sources. Whenever possible, Alabama Department of Industrial Relations employment data/projections should be utilized. If a survey of employment needs was used attach a copy of the survey instrument with a **summary** of results as **APPENDIX C**. Do not submit copies of the individual survey responses.
- *The Occupational Outlook Handbook 2009-10 Edition*
 - Used to determine job growth and salary projections
 - *Underhood Service Magazine*
 - Used to determine the average number of auto body/collision repair technicians per shop
 - *Alabama Yellow Pages*
 - Used to determine the number of auto body/collision repair shops in Birmingham and the state.
 - Industry Survey
 - Used to determine the demand for the program.
6. If the program is primarily intended to meet needs other than employment needs, present a brief rationale.
- The program is designed to meet employment needs.
7. If similar programs are available at other institutions in the state, will any type of program collaboration be utilized? Why or why not? What specific efforts have been made to collaborate with institutions to meet the need for this program? Address qualitative, cost and access considerations of a collaborative agreement that were considered.
- The only economical collaboration will be between Lawson State Community College's Bessemer and Birmingham campuses. Because of the expense of equipment and shop intensive training all other collaborations were inappropriate.
8. Will any type of distance education technology be utilized in the delivery of the program on your main campus or to remote sites? If not, why?
- At this time distance education technology is not being considered due to the hands-on lab training associated with the program.
9. Address the quality, access and cost considerations of using distance technology in the program.
- Students learn to make auto body and mechanical repairs through hands-on learning. There is a possibility of utilizing audio/video records and power point presentations to teach the theory portion of the curriculum but students would still need to attend lab classes in order to gain the required hands-on experience.

G. Program Resource Requirements

1. Number of currently employed faculty who teach in the program:

Primary Faculty / Full-time	<u>2</u>	Part-time	<u>0</u>
Support Faculty / Full-time	<u>6</u>	Part-time	<u>1</u>

Attach a synopsis of the qualifications (degrees, experience, etc.) of each existing faculty member to this proposal as **APPENDIX D**. Do not attach entire curriculum vitae. This should be no more than one paragraph per faculty.

2. Number of additional faculty who will be employed to teach in the program during the first five years:

Primary Faculty / Full-time	<u>0</u>	Part-time	<u>0</u>
Support Faculty / Full-time	<u>0</u>	Part-time	<u>0</u>

3. If the qualifications of new faculty to be hired differ from requirements stated in Postsecondary Faculty Credentials, indicate such.
 - No discrepancies
4. Briefly describe available and additional support staff that will be provided for the program.
 - Tom Berryman is Lawson State Community College'.
5. Describe any special equipment that is necessary for this program, indicating what is currently available, what will be added, and the cost of additional equipment.
 - The only additional equipment will be hand tools which are projected to cost approximately \$5,000 per year for five years. The rest of the equipment will be provided through current program offerings.
6. Describe facilities for the program, indicating what is currently available and any necessary renovation or additional facilities that would be added. Provide a cost estimate for any renovation or additions. If clinical sites are required, provide signed agreements between the institution and the host facility. At a minimum, the total number of slots should equal the projected number of students cited above.
 - Facilities are adequate to offer the additional programs. Lawson State has over 25 bays for automotive training and the auto body/collision repair program has three bays. Schedule will be developed to provide adequate facilities for all courses offered by the College.
 - There are no clinical sites required for the certificate.
7. Provide an indication of the current status of the library collections supporting the proposed program. Describe how any deficiencies will be remedied, including the cost of such remedies.
 - Because the library has adequate holdings for the current short-certificate in Auto Body Repair and Lawson State's Automotive Technician programs no additional holdings will be required.
 - Currently, the most utilized resource for both programs is *Mitchell on Demand* which is an online automotive repair information system. The library maintains this system for all transportation related programs.

H. Costs and Financial Support of the Program

1. Provide a realistic estimate of the costs of the program. This should only include the additional costs that will be incurred, not current costs. All sources and amounts of funds for program support should be indicated.

Estimated New Funds Required to Support Proposed Program

	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Faculty*	NA	NA	NA	NA	NA	
Library	NA	NA	NA	NA	NA	
Facilities	NA	NA	NA	NA	NA	
Equipment (Hand Tools)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Staff	NA	NA	NA	NA	NA	
Other (Advertising)	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$ 5,000
Total	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000

*No additional faculty will be required for the certificate.

Sources and Amounts of Funds Available for Program Support

	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Internal Allocation	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
Extramural	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 30,000
Tuition Certificate	\$ 34,560	\$ 34,560	\$ 41,040	\$ 47,520	\$ 58,320	\$ 216,000
Total Short Certificate*	\$172,800	\$172,800	\$172,800	\$172,800	\$172,800	\$ 864,000
Total	\$228,360	\$207,381	\$214,341	\$220,331	\$231,141	\$1,101,554

*Based on a constant enrollment of 80 students per year

Helpful reminders as you develop the application:

Post-implementation conditions adopted by ACHE including admissions, graduates, employment infield, and assessment are binding. It is important that institutions make realistic annual projections lest program approval be rendered null and void.

Institutional projections are normally reduced by 25 percent to capsulate the post-implementation condition; however, if the 25 percent reduction would result in a number less than the viability standard, the projection is not reduced 25 percent. In no case will the Commission staff recommend a post-implementation condition that is less than the program viability standard (7.5 graduates per year).

In calculating the numbers of graduates for post-implementation conditions, only the number of graduates should be reported on the IPED survey during the identified time period. The following data will not be included in the calculations for determining if the post-implementation standard on number of graduates has been met:

- a. Students who complete 26 semester hours in the program and found employment in the same or a related field.
- b. Students who complete a short-term certification in the field.

APPENDIX A**CURRICULUM BY SEMESTER****First Semester**

PSY 100 Orientation to College	1
WKO 107 Workplace Skills Preparation	1
ABR 111 Non-Structural Repair	3
ABR 114 Non-Structural Panel Replacement	3
ABR 122 Surface Preparation	3
MAH 101 Career Technical Mathematics	3

Second Semester

ABR 123 Paint Preparation	3
ABR 265 Paint Defects and Final Repair	3
ABR 151 Safety and Environment Practices	3
ABR 154 Automotive Glass and Trim	3
DPT 103 Introductory Computer Skills	3

Third Semester

ABR 223 Automotive Mechanical Components	3
ABR 224 Automotive Electrical Components	3
ABR 213 Automotive Structural Analysis	3
ABR 156 Cutting and Welding	3
COM 100 Career Technical English	3

Fourth Semester

ABR 214 Automotive Structural Repair	3
ABR 255 Steering and Suspension	3
ABR 258 Heating and AC in Collision Repair	3
ABR 261 Restraint Systems	3
SPC 103 Career Technical Speech	3

APPENDIX B**Student Survey**

Lawson State Community College currently offers a short-certificate in Auto Body Repair. Would you be interested in also taking automotive mechanical courses to complete a full-certificate in Auto Body/Collision Repair?

Yes No

Please rate each course for level of importance.
(Least Important to Most Important – 1,2,3,4,5)

Course	Course Title	1	2	3	4	5
ABR 223	Automotive Mechanical Components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABR 224	Automotive Electrical Components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABR 255	Steering and Suspension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABR 258	Heating and AC in Collision Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABR 261	Restraint Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABR 265	Paint Defects and Final Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please rate each general education course for level of importance.
(Least Important to Most Important – 1,2,3,4,5)

Course	Course Title	1	2	3	4	5
DPT 103	Introductory Computer Skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COM 100	Career Technical English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MAH 101	Career Technical Mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SPC 103	Career Technical Speech	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do you believe the additional courses will make you more employable in the field of Auto Body and Collision Repair?

Yes No

APPENDIX B

Student Survey Results

Lawson State Community College currently offers a short-certificate in Auto Body Repair. Is there a need to add automotive mechanical courses to complete a full-certificate in Auto Body/Collision Repair?

Yes No
 82% 18%

Please rate each course for level of importance.
 (Least Important to Most Important – 1,2,3,4,5)

Course	Course Title	
ABR 223	Automotive Mechanical Components	98% Reported Most Important
ABR 224	Automotive Electrical Components	87% Reported Most Important
ABR 255	Steering and Suspension	92% Reported Most Important
ABR 258	Heating and AC in Collision Repair	79% Reported Most Important
ABR 261	Restraint Systems	63% Reported Medium Important
ABR 265	Paint Defects and Final Repair	95% Reported Most Important

Please rate each general education course for level of importance.
 (Least Important to Most Important – 1,2,3,4,5)

Course	Course Title	1	2	3	4	5
DPT 103	Introductory Computer Skills	75%	Reported	Medium	Important	
COM 100	Career Technical English	53%	Reported	Least	Important	
MAH 101	Career Technical Mathematics	47%	Reported	Least	Important	
SPC 103	Career Technical Speech	75%	Reported	Least	Important	

APPENDIX C**Employer Questionnaire**

After reviewing the proposed courses please rate each for their level of importance for Auto Body and Collision Repair graduates.

(Least Important to Most Important – 1,2,3,4,5)

Course	Course Title	1	2	3	4	5			
ABR 223	Automotive Mechanical Components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ABR 224	Automotive Electrical Components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ABR 255	Steering and Suspension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ABR 258	Heating and AC in Collision Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ABR 261	Restraint Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
ABR 265	Paint Defects and Final Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
DPT 103	Introductory Computer Skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
COM 100	Career Technical English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
MAH 101	Career Technical Mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
SPC 103	Career Technical Speech	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
							Yes	No	Unknown
	Have you hired Lawson State Auto Body Repair students?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Did they complete the short certificate?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Would you hire a graduate with the current skill sets offered in the short certificate?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Would the additional ABR courses make the student more employable?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Would the general education courses make the student more employable?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Would you encourage current employees to take these classes?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Do you anticipate hiring auto body and collision repair technicians within the next two years?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Where did most of your employees receive training?								
					High School <input type="checkbox"/>	Two Year College <input type="checkbox"/>	Unknown <input type="checkbox"/>		

Employer Wage Verification

Would you consider the employment needs for auto body/collision repair personnel who possess the skills acquired in such a program of instruction could be best classified as:

- High Demand Moderate Demand Low Demand Critical Shortage

What is the average wage earned by your auto body repair tech? _____

What would be the average wage of an auto body and collision repair tech with the proposed skills? _____

Would you like to receive the results of this survey? Yes No

If yes, please include your name, company, and address:

Thank you for taking time from your schedule to complete this survey. Please return it to:

Charles Murray
Associate Dean for Career/Technical Education
Lawson State Community College
1100 9th Avenue SW
Bessemer, AL 35022

Form Number _____

APPENDIX C**Results of Employer Questionnaire and Verification of Wages**

After reviewing the proposed courses please rate each for their level of importance for Auto Body and Collision Repair graduates. (Least Important to Most Important – 1, 2, 3, 4, 5)

Course	Course Title		Yes	No	Unknown
ABR 223	Automotive Mechanical Components	95% Reported Most Important			
ABR 224	Automotive Electrical Components	86% Reported Most Important			
ABR 255	Steering and Suspension	92% Reported Most Important			
ABR 258	Heating and AC in Collision Repair	82% Reported Most Important			
ABR 261	Restraint Systems	96% Reported Most Important			
ABR 265	Paint Defects and Final Repair	100% Reported Most Important			
DPT 103	Introductory Computer Skills	75% Reported Important to Most Important			
COM 100	Career Technical English	87% Reported Important to Most Important			
MAH 101	Career Technical Mathematics	91% Reported Important to Most Important			
SPC 103	Career Technical Speech	97% Reported Important to Most Important			
			Yes	No	Unknown
	Have you hired Lawson State Auto Body Repair students?		36%	41%	23%
	Did they complete the short certificate?		21%	28%	51%
	Would you hire a graduate with the current skill sets offered in the short certificate?		81%	19%	0%
	Would the additional ABR courses make the student more employable?		100%	0%	0%
	Would the general education courses make the student more employable?		87%	3%	10%
	Would you encourage current employees to take these classes?		94%	3%	3%
	Do you anticipate hiring auto body and collision repair technicians within the next two years?		94%	1%	5%
	Where did most of your employees receive training?				
			High School 32%	Two Year College 58%	Unknown 10%

Employer Wage Verification

Would you consider the employment needs for auto body/collision repair personnel who possess the skills acquired in such a program of instruction could be best classified as:

<input type="checkbox"/> High Demand	<input type="checkbox"/> Moderate Demand	<input type="checkbox"/> Low Demand	<input type="checkbox"/> Critical Shortage
74 %	4%	0%	22%

What is the average wage earned by your auto body repair tech? \$34,000

What would be the average wage of an auto body and collision repair tech with the proposed skills? \$42,000

APPENDIX D**Faculty Qualifications**

Tom Berryman – Director of the Alabama Center for Automotive Excellence
ASE Master Certified Technician by the National Institute for Automotive Service Excellence (ASE)
ASE Advanced Engine Performance Specialist
30 Years of Technician Experience

Alga Gatson – Auto Body Repair Instructor
I-CAR Training in Fundamentals of Collision Repair, Frontal Impact Analysis, Mechanical Systems Analysis and Restraints, Interior, Glass, Side and Rear Impact Analysis
13 Years of Technician Experience

Darryl Rowe – Auto Body Repair Instructor
I-CAR Certified in Refinishing Technology, Sanding and Masking, Paint Equipment, Automotive Paint Materials
OSHA Certified in Fall Protection and Working in Confined Spaces
13 Years of Technician Experience

Larry Marshall – Automotive Technician Instructor
ASE Master Certified Technician by the National Institute for Automotive Service Excellence (ASE)
BMW Pre-Step Program (Only 21 in the Nation)
Program Certified by the National Automotive Technicians Education Foundation (NATEF)

Todd Berry – GM ASEP Instructor
GM World Class Master Technician
ASE Master Certified Technician by the National Institute for Automotive Service Excellence (ASE)
ASE Advanced Engine Performance Specialist,
ASE Certified in five Medium/Heavy Duty Truck Areas
Program Certified by the National Automotive Technicians Education Foundation (NATEF)
GM ASEP Graduate
15 Years of Technician Experience

William Lybrand – GM ASEP Instructor

ASE Master Certified Technician by the National Institute for Automotive Service Excellence (ASE)

ASE Advanced Engine Performance Specialist

Program Certified by the National Automotive Technicians Education Foundation (NATEF)

GM ASEP Graduate

16 Years of Technician Experience

John Harris – Ford ASSET Instructor

Ford Senior Master Certified Technician

ASE Master Certified Technician by the National Institute for Automotive Service Excellence (ASE)

Program Certified by the National Automotive Technicians Education Foundation (NATEF)

ASE Advanced Level Specialist

ASE Refrigerant Recovery and Recycling Certified

26 Years of Technician Experience

Darrell Taff – Ford ASSET Instructor

ASE Master Certified Technician by the National Institute for Automotive Service Excellence (ASE)

Ford Master Certified Technician

Program Certified by the National Automotive Technicians Education Foundation (NATEF)

I-CAR Certified

Ford Master Certified Service Manager

Ford Certified Body Shop Manager

Winner of Two Ford Gold Medallions for Top 50 Service Managers in Nation

Former Drag Racing World Record Holder

30 Years of Technician Experience

Toyota T-TEN Program

Keith Littleton – T-TEN Instructor

Toyota Master Certified Technician

ASE Certified Master Technician by the National Institute for Automotive Service Excellence (ASE)

ASE Advanced Engine Performance Certified

Program Certified by the National Automotive Technicians Education Foundation (NATEF)

Toyota T-TEN National School Recognition Award

Automotive Industry Planning Council National Award

12 Years of Technician Experience