Advanced Auto Body Repair (Advanced Certificate)

Catalog Effective Term: Fall 2025
Program Code: CVAUB2
Credential: Advanced Certificate
High Demand Occupation, High Skill Occupation, High Wage Occupation

This advanced certificate is designed for students who have completed the foundational Auto Body Repair (CTAUBR) program and wish to deepen their expertise in specialized areas of the field. This certificate focuses on advanced techniques and skills, providing hands-on training in critical industry areas to prepare students for high-demand roles in automotive repair.

This certificate is part of the Transportation Technologies Associate Degree (APOETT). Students can declare the degree and receive both the foundational and advanced certificates, along with the Associate's degree upon completion of the program. This structure supports a comprehensive learning pathway, helping students achieve credentials while working toward their degree. Meet with a divisional advisor or faculty to determine the best approach according to your goals.

Completion of the Auto Body Repair (CTAUBR) program.

ATT 114	Applied Transportation Welding	2
ATT 119	Introduction to Metal Shaping	2
ATT 150	Custom Painting	4
ATT 201	Lightweighting Composite Repair	4
Total Credits		**12**

Washtenaw Community College

PROGRAM PROPOSAL FORM

☐ **Preliminary Approval** – Check here when using this form for preliminary approval of a program proposal, and respond to the items in general terms.

☐ **Final Approval** – Check here when completing this form after the Vice President for Instruction has given preliminary approval to a program proposal. For final approval, complete information must be provided for each item.

Program Name: **Division and Department:** **Type of Award:** **Effective Year (new programs are always effective in the Fall term):** **Initiator:**	Advanced Auto Body Repair ATP – Transportation Technologies Department ☐ AA ☐ AS ☐ AAS ☐ Cert. ☒ Adv. Cert. ☐ Post-Assoc. Cert. ☐ Cert. of Comp. Fall 2025 Tim VanSchoick	**Program Code:** _____ **CIP Code:** _____
Program Features Program's purpose and its goals. Criteria for entry into the program, along with projected enrollment figures. Connection to other WCC programs, as well as accrediting agencies or professional organizations. Special features of the program.	This Advanced Certificate builds on the foundational skills acquired in the Auto Body Repair (CTAUBR) program, allowing students to refine and specialize their expertise according to their desired career path within the field. Completion of the Auto Body Repair (CTAUBR) program is required for entry into the Advanced Auto Body Repair Certificate. This program's distinctive features enable students to develop mastery in areas such as Lightweight Composite Repair, Applied Auto Body Welding, The Art of Metal Shaping and Custom Painting. Both the CTAUBR certificate and the Advanced Auto Body Repair Certificate are embedded within the Transportation Technologies (APOETT) – ABR concentration, enabling students to earn credentials as they progress toward their degree.	
Need Need for the program with evidence to support the stated need.	The Advanced Auto Body Repair Certificate program meets a critical industry need by building upon the foundational skills acquired in the Auto Body Repair (CTAUBR) program and enabling students to refine and specialize their expertise based on their chosen career path. To enter this advanced program, students must first complete the CTAUBR program, ensuring they have the necessary foundational skills for higher-level training. The advanced certificate offers distinctive learning opportunities, allowing students to master specialized techniques in Lightweight Composite Repair, Applied Auto Body Welding, The Art of Metal Shaping, and Custom Painting. By embedding both the CTAUBR certificate and the Advanced Auto Body Repair Certificate within the Transportation Technologies (APOETT) – ABR concentration, the program provides a structured pathway for students to earn valuable credentials as they progress toward their degree. This tiered credentialing system is designed to keep students motivated, helping them build career-relevant skills in a flexible, phased approach. While the median annual salary for auto body technicians in Southeast Michigan is slightly lower than the national average at $42k vs. $48k (BLS), the number of available positions has been increasing and is higher in our region compared to the national average at 5k vs. 4.5k (Lightcast). The increasing number of jobs to be filled, as well as recognized industry trends as	

	explained by our Advisory Board, reveal a rising demand for expertise in composite repair, precision welding, metal shaping, and custom painting. By offering advanced, hands-on training in these areas, the program aims to provide students the necessary skills to negotiate for higher salary, thus addressing these recognized wage and skills gaps, preparing students for high-demand, specialized roles in the auto body repair field.
Curriculum List the courses in the program as they should appear in the catalog. List minimum credits required. Include any notes that should appear below the course list. Associate degree programs must provide a semester by semester program layout.	Advanced Auto Body Repair Certificate Program • ATT 201 (Currently ABR 201) - Lightweight Composite Repair – 4 credit hours • ATT 114 (Currently ABR 114) - Applied Transportation Welding – 2 credit hours • ATT 119 (Currently ABR 119) - Introduction to Metal Shaping – 2 credit hours • ATT 150 (Currently ABR 130) - Custom Painting – 4 credit hours Total – 12 credit hours As this Advanced Certificate builds upon the foundational CTAUBR program and is embedded within the Transportation Technologies Associate Degree, students are encouraged to declare the degree program. This will ensure they can pursue both certificate credentials and the Associate's degree.

Budget

Specify program costs in the following areas, per academic year:

	START-UP COSTS	ONGOING COSTS
Faculty	$.	$.
Training/Travel	.	.
Materials/Resources	.	.
Facilities/Equipment	.	.
Other	.	.
TOTALS:	$.	$.

Program Description for Catalog and Web site	The Advanced Auto Body Repair Certificate is designed for students who have completed the foundational Auto Body Repair (CTAUBR) program and wish to deepen their expertise in specialized areas of the field. This certificate focuses on advanced techniques and skills, providing hands-on training in critical industry areas to prepare students for high-demand roles in automotive repair. This certificate is part of the Transportation Technologies Associate Degree. Students can declare the degree program and receive both the foundational and advanced certificates along with the Associate's degree upon completion of the program. This structure supports a comprehensive learning pathway, helping students achieve credentials while working toward their degree. Meet with a divisional advisor or faculty to determine the best approach according to your goals.
Program Information	**Accreditation/Licensure -** **Advisors -** **Advisory Committee -** **Admission requirements -** Completion of the Auto Body Repair (CTAUBR) program is required for entry into the Advanced Auto Body Repair Certificate. **Articulation agreements -** **Continuing eligibility requirements -**

Assessment plan:

Program outcomes to be assessed	Assessment tool	When assessment will take place	Courses/other populations	Number students to be assessed
1. Perform repairs to various composite materials including the application, infusion and curing of polymer resins.	Departmentally-developed rubric	End of semester	ATT 201 (prev. ABR 201)	All enrolled students
2. Weld various types of steel using MIG brazing techniques.	Answer key and departmentally-developed rubric	End of semester	ATT 114 (prev. ABR 114)	All enrolled students
3. Demonstrate the sheet metal shaping process safely.	Departmentally-developed rubric	End of semester	ATT 119 (prev. ABR 119)	All enrolled students
4. Properly lay out and execute a mural painting using a culmination of skills learned.	Departmentally-developed rubric	Midterm and end of semester	ATT 150 (prev. ABR 130)	All enrolled students

Scoring and analysis plan:

1. **Assessment Scoring and Evaluation**
   Outcomes 1, 3, 4: Departmentally-developed rubric
   Outcome 2: Answer key and departmentally-developed rubric
   The assessments for the Advanced Auto Body Repair Certificate will be scored using a departmentally-developed rubric that aligns with the key learning objectives of each course. This rubric will measure students' proficiency in skills such as Lightweight Composite Repair, Applied Auto Body Welding, Metal Shaping, and Custom Painting. The rubric, developed by program faculty, will be standardized across all sections to ensure consistency and accuracy in assessment.

2. **Standard of Success**
   Outcomes 1 and 2: 75% of students will score 80% or higher.
   Outcomes 3 and 4: 70% of students will score 70% or higher.

3. **Scoring and Data Analysis**
   Departmental faculty will score and analyze the assessment data. Program leads will review this data periodically to identify trends, strengths, and areas for improvement. Results will inform any needed curriculum adjustments to maintain high standards of student learning and industry alignment.

REVIEWER	PRINT NAME	SIGNATURE	DATE
Department Chair/Area Director	Allen Day Rocky Roberts	Allen Day Rocky Roberts	11/11/24 11/11/24
Dean	Eva Samulski	Eva Samulski	11/11/24

Please return completed form to the Office of Curriculum and Assessment (SC 257) or by email to curriculum.assessment@wccnet.edu. Once reviewed by the appropriate faculty committees, we will secure the signature of the VPI and President.			
Curriculum Committee Chair	Randy Van Wagnen	RVanWagnen	3-20-25
Assessment Committee Chair	Jessica Hale	Jessica Hale	3/20/2025
Executive Vice President for Instruction ☐ Approved for Development ☒ Final Approval	Dr. Brandon Tucker		3/21/25
President	Dr. Rose B. Bellanca	RBBellanca	3/25/25
Board Approval		4/22/2025	