

Program Information Report

Advanced Manufacturing

**Auto Body Repair (CTAUBR)
Certificate**

Program Effective Term: Fall 2024

High Demand Occupation High Wage Occupation

This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body technicians and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision-related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing workplace that adheres to A.S.E. and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to WCC's Advanced Auto Body certificates.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <https://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php> .

Major/Area Requirements (18 credits)

ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 121	Automotive Estimating	2
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4

Required Support Courses (10 credits)

Elective	Take an additional 10 credits from the list below:	
ABR 114 or	Applied Auto Body Welding	
ABR 116 or	The Evolution of the Automobile	
ABR 119 or	The Art of Metal Shaping	
ABR 130 or	Custom Painting	
ABR 174 or	ABR Co-op Education I	
ABR 231 or	Project Management and Implementation in Auto Body	
ABR 274	ABR Co-op Education II	10

Minimum Credits Required for the Program: 28

Program Information Report

Transportation Technologies

Auto Body Repair (CTAUBR)

Certificate

Program Effective Term: Fall 2024

High Demand Occupation High Wage Occupation

This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body technicians and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision-related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing workplace that adheres to A.S.E. and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to WCC's Advanced Auto Body certificates.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <https://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php> .

Major/Area Requirements		(18 credits)
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 121	Automotive Estimating	2
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4

Required Support Courses		(10 credits)
Elective	Take an additional 10 credits from the list below:	
ABR 114 or	Applied Auto Body Welding	
ABR 116 or	The Evolution of the Automobile	
ABR 119 or	The Art of Metal Shaping	
ABR 130 or	Custom Painting	
ABR 174 or	ABR Co-op Education I	
ABR 231 or	Project Management and Implementation in Auto Body	
ABR 274	ABR Co-op Education II	10

Minimum Credits Required for the Program: **28**

PROGRAM CHANGE FORM

Program Code: CTAUBR	Current Program Name: Auto Body Repair	Effective Term: Fall 2024
Division Code: ATP	Department: TRPD	

Directions:

1. Attach the current program listing from the WCC catalog or website and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using CurricUNET, but should be submitted at the same time as the program change form.
4. If changes affect the program assessment plan or if program outcomes are updated, please submit a Program Assessment Plan Change form. These changes must be approved separately from the program change form and should be submitted at the same time. Current program assessment plans can be found on the Curriculum and Assessment Program Information page.

Requested Changes:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Remove course(s): <u>ABR 113</u>
<input checked="" type="checkbox"/> Add course(s): <u>ABR 121</u>
<input type="checkbox"/> Program title (new title is _____)
<input type="checkbox"/> Description
<input type="checkbox"/> Advisors
<input type="checkbox"/> Program admission requirements
<input type="checkbox"/> Continuing eligibility requirements | <input type="checkbox"/> Program outcomes (may also result from removing or adding a course)*
<input type="checkbox"/> Program assessment plan*
<input type="checkbox"/> Accreditation information
<input type="checkbox"/> Other _____ |
|--|--|

Note: A change to the Award Type requires the submission of a new program proposal form and a separate program inactivation form. Contact the Director of Curriculum & Assessment for more information.

Show all changes on the catalog page you attach.

* Please submit a Program Assessment Plan Change form.

Rationale for proposed changes:

ABR 113 will change from a 4-credit course covering estimating and shop operations to a 2-credit course covering automotive estimating. The new course number will be ABR 121.

Financial/staffing/equipment/space implications:

List departments that have been consulted regarding their use of this program.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Rocky Roberts	<i>Rocky Roberts</i>	2/5/24
Department Chair	Rocky Roberts	<i>Rocky Roberts</i>	2/5/24

Received by C&A 2/5/24

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE FORM

Division Dean/Administrator	Jimmie Baber	<i>Jimmie Baber</i>	2/5/24
Please return completed form to the Office of Curriculum & Assessment, SC 257 or by e-mail to curriculum.assessment@wccnet.edu			
Once reviewed by the appropriate faculty committees we will secure the signature of the VPI.			
Reviewer	Print Name	Signature	Date
Curriculum Committee Chair	Randy Van Wagnen	<i>RVanWagnen</i>	3-27-24
Assessment Committee Chair	Jessica Hale	<i>Jessica Hale</i>	3/28/24
Interim Vice President for Instruction	Dr. Brandon Tucker	<i>[Signature]</i>	4/1/2024
Do not write in shaded area. Entered in: Banner _____ C&A Database _____ Log File _____			

Reviewed by C&A committees on 2/8/24

Program Information Report

Manufacturing & Automotive

Auto Body Repair (CTAUBR)

Certificate

Program Effective Term: Fall 2022

High Demand Occupation High Wage Occupation

This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body technicians and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision-related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing workplace that adheres to A.S.E. and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to WCC's Advanced Auto Body certificates.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <https://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php> .

Major/Area Requirements		(20 credits)
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 113	Estimating and Shop Operations	4
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4

Required Support Courses		(10 credits)
Elective	Take an additional 10 credits from the list below:	
ABR 114 or	Applied Auto Body Welding	
ABR 116 or	The Evolution of the Automobile	
ABR 119 or	The Art of Metal Shaping	
ABR 130 or	Custom Painting	
ABR 174 or	ABR Co-op Education I	
ABR 231 or	Project Management and Implementation in Auto Body	
ABR 274	ABR Co-op Education II	10

Minimum Credits Required for the Program: **30**

Program Information Report

Manufacturing & Automotive

Auto Body Repair (CTAUBR)

Certificate

Program Effective Term: Fall 2020

High Demand Occupation High Wage Occupation

This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body technicians and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision-related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing workplace that adheres to A.S.E. and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to WCC's Advanced Auto Body certificates.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <http://www.wccnet.edu/curriculum/articulation/levelone/colleges/>.

Major/Area Requirements		(20 credits)
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 113	Estimating and Shop Operations	4
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4
Required Support Courses		(10 credits)
Elective	Take an additional 10 credits from the list below:	
ABR 114 or	Applied Auto Body Welding	
ABR 116 or	The Evolution of the Automobile	
ABR 119 or	The Art of Metal Shaping	
ABR 130 or	Custom Painting	
ABR 135 or	Collision-Related Mechanical and Electrical Repairs	
ABR 174 or	ABR Co-op Education I	
ABR 230 or	Advanced Auto Body V: Advanced Auto Refinish Applications	
ABR 231 or	Project Management and Implementation in Auto Body	
ABR 274	ABR Co-op Education II	10
Minimum Credits Required for the Program:		30

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: Program Name: CTAUBR

Effective Term: Fall 2020

Division Code: Department: Auto Body Repair

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|---|---|
| <input type="checkbox"/> Review | <input type="checkbox"/> Program admission requirements |
| <input checked="" type="checkbox"/> Remove course(s): __ ABR 135 from required list | <input type="checkbox"/> Continuing eligibility requirements |
| <input checked="" type="checkbox"/> Add course(s): __ ABR 135 To restricted list of electives _____ | <input type="checkbox"/> Program outcomes |
| <input type="checkbox"/> Program title (title was _____) | <input type="checkbox"/> Accreditation information |
| <input type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Advisors | |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation: Simplify student understanding of course requirements by removing "or" under the electives. Want to make this a list of restricted electives to match other disciplines in the Transportation Technologies Department. Move ABR 135 from the list of required classes and add it to the list of restricted electives. This will allow students an easier path to completion.

Financial/staffing/equipment/space implications:

None

List departments that have been consulted regarding their use of this program.

ABR and TT departments

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Robert Lowing		12/12/19
Department Chair			12/12/2019
Division Dean/Administrator	Brandon Tucker		12/12/19

Please submit completed form to the Office of Curriculum and Assessment (SC 257).

Once reviewed by the appropriate faculty committees we will secure the signature of the VPI and President.

Vice President for Instruction	Kimberly Hurns		2/3/2020
President	Rose B. Bellanca		

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Reviewed by C&A Committees 1/23/20

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: **CTAUBR** Program Name: **AUTO BODY REPAIR**
 Division Code: **VCT** Department: **ABR**

Effective Term: **F'11**

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|--|---|
| <input type="checkbox"/> Review | <input type="checkbox"/> Program admission requirements |
| <input type="checkbox"/> Remove course(s): _____ | <input type="checkbox"/> Continuing eligibility requirements |
| <input type="checkbox"/> Add course(s): _____ | <input type="checkbox"/> Program outcomes |
| <input type="checkbox"/> Program title (title was _____) | <input type="checkbox"/> Accreditation information |
| <input type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input checked="" type="checkbox"/> Other <u>OPTIONAL COURSES</u> |
| <input type="checkbox"/> Advisors | |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

Adding optional courses for certificate, restructuring program to establish core and elective courses.

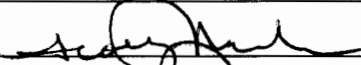
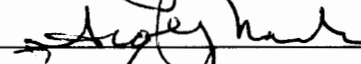

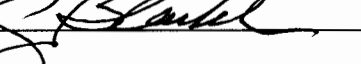
Financial/staffing/equipment/space implications:

N/A

List departments that have been consulted regarding their use of this program.

N/A

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Scott Malnar		8/11/2011
Department Chair	Scott Malnar		8/11/2011
Division Dean/Administrator	Ross Gordon		8/12/11
Vice President for Instruction	Stuart Blacklaw		8/21/11
President			

Do not write in shaded area. Entered in: Banner _____ C&A Database 10/17/11 Log File 8/15/11 Board Approval _____

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

for done

Program Information Report

School of Automotive and Motorcycle Technology

If you are looking for the best technical training in the automotive or motorcycle field, WCC's School of Automotive and Motorcycle Technology is the place for you. Whether your focus is finding employment as a technician, learning about performance, or creating a custom look, our introductory and advanced certificate programs, as well as associate degrees, will enhance your personal and professional qualifications. These programs offer the perfect blend of classroom and hands-on education not available in many other educational settings.

Washtenaw Community College offers programs at several levels for students who want to begin new careers, or advance in their existing careers. The first level is the certificate, which can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs.

After completing a certificate, students can progress to the next level, the advanced certificate. The credit hours required for these programs also vary. This type of certificate provides a more specialized level of skill development, and often allows students to upgrade their positions at their places of employment.

The next level, an Associate in Applied Science, is available for some programs. For some career fields, it is possible to earn a certificate, advanced certificate, and an Associate in Applied Science degree in the same field. In these cases, the credit hours from the certificate and advanced certificate can be applied to the credit hours needed for the Associate in Applied Science degree.

Alternatively, students can earn an AAS in Occupational Studies by completing a certificate, advanced certificate and General Education requirements.

Auto Body Repair

These certificates prepare the student for various positions in the auto body repair industry.

Auto Body Repair (CTAUBR) Certificate

Program Effective Term: Fall 2012

This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body technicians and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision-related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing workplace that adheres to A.S.E. and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to WCC's Advanced Auto Body certificates.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <http://www.wccnet.edu/departments/curriculum/articulation.php?levelone=colleges>.

Elective	Must take 5 classes totaling 20 credits:	
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4
ABR 113 or	Estimating and Shop Operations	
ABR 135	Collision-Related Mechanical and Electrical Repairs	4

Elective	Take an additional 10 credits from the list below. Courses taken to meet the 20 credits for the Major/Area Requirements may not be selected:	
ABR 113 or	Estimating and Shop Operations	
ABR 114 or	Applied Auto Body Welding	
ABR 116 or	The Evolution of the Automobile	
ABR 119 or	The Art of Metal Shaping	
ABR 130 or	Custom Painting	
ABR 135 or	Collision-Related Mechanical and Electrical Repairs	
ABR 174 or	ABR Co-op Education I	
ABR 230 or	Advanced Auto Body V: Advanced Auto Refinish Applications	
ABR 231 or	Project Management and Implementation in Auto Body	
ABR 274	ABR Co-op Education II	

Program Information Report

Minimum Credits Required for the Program:

30

Washtenaw Community College.

Certificates and Degrees.

<http://www4.wccnet.edu/academicinfo/creditoofferings/programs/degree.php?code=CTAUBR>

[Return to web format »](#)

Auto Body Repair (CTAUBR)

Certificate

Program requirements shown below are for catalog year: 2011 - 2012 [Change Year](#)

Description:

This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body technicians and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision-related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing workplace that adheres to A.S.E. and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to WCC's Advanced Auto Body certificates.

Contact Information:

Division: Vocational Technologies
 School: [School of Automotive and Motorcycle Technology](#)
 Department: [Automotive Services Department](#)
 Advisors: Brad Hoth, [Scott Malnar](#), Gary Sobbry

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <http://www.wccnet.edu/departments/curriculum/articulation.php?levelone=colleges>

Major/Area Requirements	(30 Credits)
<u>ABR 111</u> Introduction to Auto Body Repair	4
<u>ABR 112</u> Introduction to Automotive Refinishing	4
<u>ABR 113</u> Estimating and Shop Operations	4
<u>ABR 114</u> Applied Auto Body Welding	2
<u>ABR 116</u> The Evolution of the Automobile	2
<u>ABR 119</u> The Art of Metal Shaping	2
<u>ABR 123</u> Technical Auto Body Repair	4
<u>ABR 124</u> Technical Automotive Refinishing	4
<u>ABR 135</u> Collision-Related Mechanical and Electrical Repairs	4
Minimum Credits Required for the Program:	30 Credits

Estimated Cost

Tuition & Fees	\$4,410.00
Books & Supplies	\$174.00
Total Cost	\$4,584.00

Length of Program

NEW ABR 5+4 SCHEDULE

30 Credit Auto Body Repair Certificate (CTAUBR)

FIVE MUST TAKE CLASSES 20 Credits total

ABR 111 Introduction to Auto Body Repair	4 Credit
ABR 112 Introduction to Automotive Refinishing	4 Credit
ABR 123 Technical Auto Body Repair	4 Credit
ABR 124 Technical Auto Body Refinishing	4 Credit
ABR 113 Estimating and Shop Operations	4 Credit
or ABR 135 Collision-Related Mechanical and electrical Repairs	4 Credit

ADDITIONAL CLASSES 10 Credits total (NOT TAKEN IN 20 hours above)

ABR 113 Estimating and Shop Operations	4 Credit
ABR 135 Collision-Related Mechanical and Electrical Repairs	4 Credit
ABR 114 Applied Auto Body Welding	2 Credit
ABR 119 The Art of Metal Shaping	2 Credit
ABR 116 The Evolution of the Automobile	2 Credit
ABR 130 Custom Painting	4 Credit
ABR 230 Advanced Auto Body V: Advanced Auto Refinish Applications	4 Credit
ABR 231 Project Management and Implementation	4 Credit
ABR 174 ABR Co-op Education I	1 Credit
ABR 274 ABR Co-op Education II	1 Credit

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: **CTAUBR** Program Name: **Auto Body Repair**

Effective Term: **Winter '11**

Division Code: **VCT** Department: **Auto Body Repair**

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|---|---|
| <input type="checkbox"/> Review | <input type="checkbox"/> Program admission requirements |
| <input checked="" type="checkbox"/> Remove course(s): WAF 105 | <input type="checkbox"/> Continuing eligibility requirements |
| <input type="checkbox"/> Add course(s): _____ | <input type="checkbox"/> Program outcomes |
| <input type="checkbox"/> Program title (title was _____) | <input type="checkbox"/> Accreditation information |
| <input type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Advisors | |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

WAF 105, Welding for Art and Engineering, is simply not an Automotive related welding course. We would like to offer our students an automotive mindset involving the welding processes that will be used in their day to day lives. Removing this class will also make it easier for students to gain their ABR Certificate. This way the students will only have nine classes (30 credit hours) versus the old way with ten classes (32 credit hours). There is an intro to MG Welding built in to ABR 111. We also cover MIG welding in ABR 123.

Financial/staffing/equipment/space implications:

No changes, might free up more room in WAF.

List departments that have been consulted regarding their use of this program.

We have talked this over in the ABR program. I have also talked to WAF, MST and ASV about these changes.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	W. Gary Sobry, Jr.		11-30-10
Department Chair	W. Gary Sobry, Jr.		11-30-10
Division Dean/Administrator	Ross Gordon		12/16/10
Vice President for Instruction	Stuart Blacklaw		12/16/10
President	Larry Whitworth		12/17/10

Do not write in shaded area. Entered in: Banner C&A Database Log File 12/17/10 Board Approval

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

1/21/11

Indore

Program Information Report

School of Automotive and Motorcycle Technology

If you are looking for the best technical training in the automotive or motorcycle fields, WCC's School of Automotive and Motorcycle Technology is the place for you. Whether your focus is finding employment as a technician, learning about performance, or creating a custom look, our intermediate and advanced certificate programs as well as associate's degrees will enhance your personal and professional qualifications. These programs offer the perfect blend of classroom and hands-on education not available in any other educational setting.

Washtenaw Community College offers programs at several levels for students who want to begin new careers, or advance in their existing careers. The first level is the certificate, which can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs.

After completing a certificate, students can progress to the next level, the advanced certificate. The credit hours required for these programs also vary. This type of certificate provides a more specialized level of skill development, and often allows students to upgrade their positions at their places of employment.

The next level, an Associate in Applied Science, is available for some programs. For some career fields, it is possible to earn a certificate, advanced certificate, and an Associate in Applied Science degree in the same field. In these cases, the credit hours from the certificate and advanced certificate can be applied to the credit hours needed for the Associate in Applied Science degree.

Alternatively, students can earn an AAS in Occupational Studies by completing a certificate, advanced certificate and General Education requirements.

Auto Body Repair

These certificates prepare the student for various positions in the auto body repair industry.

Auto Body Repair (CTAUBR) Certificate

Program Effective Term: Fall 2011

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Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <http://www.wccnet.edu/departments/curriculum/articulation.php?levelone=colleges>.

Major/Area Requirements		(30 credits)
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 113	Estimating and Shop Operations	4
ABR 114	Applied Auto Body Welding	2
ABR 116	The Evolution of the Automobile	2
ABR 119	The Art of Metal Shaping	2
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4
ABR 135	Collision-Related Mechanical and Electrical Repairs	4

Minimum Credits Required for the Program:

30

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CTAUBR

Program Name: Auto Body Repair

Effective Term: W/09

Division Code: ABR

Department: Auto Body Repair

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|--|---|
| <input type="checkbox"/> Review | <input type="checkbox"/> Program admission requirements |
| <input type="checkbox"/> Remove course(s): _____ | <input type="checkbox"/> Continuing eligibility requirements |
| <input type="checkbox"/> Add course(s): _____ | <input type="checkbox"/> Program outcomes |
| <input type="checkbox"/> Program title (title was _____) | <input type="checkbox"/> Accreditation information |
| <input checked="" type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Advisors | |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

Update wordage to better match what is being cover in program.

Financial/staffing/equipment/space implications:

None

List departments that have been consulted regarding their use of this program.

All departments and programs in the VCT division have been consulted.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	W. Gary Sobbry, Jr.		5-20-08
Department Chair	W. Gary Sobbry, Jr.		5-20-08
Division Dean/Administrator	Bruce Greene		5-20-08
Vice President for Instruction	Roger Palay		6/6/08
President	Dr. Larry Whitworth		

Do not write in shaded area. Entered in: Banner 6/24 C&A Database Log File 5/20/08 Board Approval 6/24/08

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Washtenaw Community College

Certificate & Class Descriptions for: Auto Body Repair Program (ABR)

technicians

* Auto Body Repair Certificate *

This certificate ~~was created with hopes of~~ will appealing to a wide array of automobile enthusiasts. Only ~~Aspiring~~ body men and painters, individuals with an interest in custom cars, hobbyists, ~~along with and~~ those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, and automobile refinishing techniques and collision related mechanical repair. Emphasis ~~will~~ is placed ~~one word~~ on preparing students for employment in an ~~ever-changing~~ ever-changing work place that adheres to A.S.E and I-Car standards associated with the collision repair industry. ~~Acquiring this certificate also aides' students who are interested in continuing their automotive education by acting as a gateway~~ This certificate also provides a stepping-stone to Washtenaw Community College's advanced programs. *wcc's advanced Auto Body ~~Program~~ certificates*

~~This certificate will appeal to a wide array of automobile enthusiasts. Only aspiring body men and painters, individuals with an interest in custom cars, hobbyists, and those wishing to start a career in the collision repair industry, need apply. Through the use of NATEF approved curriculum, students will develop core skills such as dent removal, panel replacement, welding, automobile refinishing techniques and collision related mechanical repair. Emphasis is placed on preparing students for employment in an ever-changing work place that adheres to A.S.E and I-Car standards associated with the collision repair industry. This certificate also provides a stepping-stone to Washtenaw Community College's advanced programs.~~

Total Credit Hours for Certificate: 32 Certificate Name: Auto Body Repair Certificate (CTAUBR)

Course Number	Credit Hours	Course Name
1. ABR 111	4	Introduction to Auto Body Repair
2. ABR 112	4	Introduction to Automotive Refinishing
3. ABR 113	4	Estimating and Shop Operations
4. ABR 114	2	Applied Auto Body Welding
5. ABR 116	2	The Evolution of the Automobile
6. ABR 119	2	The Art of Metal Shaping
7. ABR 123	4	Technical Auto Body Repair
8. ABR 124	4	Technical Automotive Refinishing
9. ABR 135	4	Collision-Related Mechanical & Electrical Repairs
10. WAF 105	2	Welding for Art and Engineering

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CTAUBR Program Name: AUTO BODY REPAIR

Effective Term: F'08

Division Code: VCT Department: ABR

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|--|---|
| <input type="checkbox"/> Review | <input type="checkbox"/> Program admission requirements |
| <input checked="" type="checkbox"/> Remove course(s): <u>ASV 141, MIT 102, WAF 100</u> | <input type="checkbox"/> Continuing eligibility requirements |
| <input checked="" type="checkbox"/> Add course(s): <u>ABR 114, ABR 116, ABR 119, WAF 105</u> | <input checked="" type="checkbox"/> Program outcomes |
| <input checked="" type="checkbox"/> Program title (title was Collision Repair) | <input type="checkbox"/> Accreditation information |
| <input type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Advisors | |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

Aligning Curriculum with current NATEF standards

Financial/staffing/equipment/space implications:

none

List departments that have been consulted regarding their use of this program.

N/A

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Robert Lowing		1-28-08
Department Chair	Gary Sobby		
Division Dean/Administrator	Bruce Greene		1-28-07
Vice President for Instruction			3/11/08
President			

Do not write in shaded area. Entered in: Banner 3/19/08 C&A Database 3/19/08 Log File 3/19/08 Board Approval 3/19/08

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Washtenaw Community College

Program Outcomes/Assessment	Outcomes	Assessment method
<p>State the knowledge to be gained, skills to be learned, and attitudes to be developed by students in the program.</p> <p>Include assessment methods that will be used to determine the effectiveness of the program.</p>	<p>1. Identify and demonstrate principles of industry repair standards of collision damaged automobiles.</p> <p>2. Identify and demonstrate principles of automotive refinishing.</p> <p>3. Evaluate body panel damage and determine needed repair procedures and techniques.</p> <p>4. Identify and demonstrate principles of welding and cutting in accordance with I-CAR standarding.</p>	<p>1. Student achievement record and final exam</p> <p>2. Student achievement record and final exam</p> <p>3. Student achievement record and final exam</p> <p>4. Student achievement record and final exam</p>

Please return completed form to the Office of Curriculum & Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

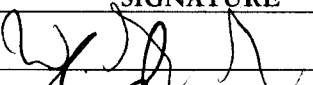
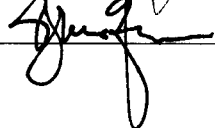
Assessment plan:

Program outcomes to be assessed	Assessment tool	When assessment will take place	Courses/other populations	Number students to be assessed
1. Identify and demonstrate principles of industry repair standards of collision damaged automobiles.	1. Student achievement record and final exam	W/08 & every 3 yrs	All sections	All students in all sections
2. Identify and demonstrate principles of automotive refinishing.	2. Student achievement record and final exam	W/08 & every 3 yrs	All sections	All students in all sections
3. Evaluate body panel damage and determine needed repair procedures and techniques.	3. Student achievement record and final exam	W/08 & every 3 yrs	All sections	All students in all sections

4. Identify and demonstrate principles of welding and cutting in accordance with I-CAR standarding.	4. Student achievement record and final exam	W/08 & every 3 yrs	All sections	All students in all sections
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Scoring and analysis plan:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric. Chapter test, and final exams will be scored against the answer sheet. Points will be assigned to each question with the results compared to the scoring guide. Practical application of the task will be evaluated using the Student Achievement Record. Each task is worth 5 points and will be evaluated by the instructor based on the rubric below.
5 points = Excellent work done with no flaws and without help from instructor, follows safety requirements
4 points = Above average work done with little to no flaws with some help from instructor. Follows all safety requirements
3 points = Average work done with few flaws and some help from instructor. Follows most safety requirements.
2 points = Either below average work or average work done with substantial help from instructor. Meets minimal safety requirements.
1 point = Failed to complete task or finished product not to code or student doesn't follow safety requirements.
2. Indicate the standard of success to be used for this assessment. The standard of success of student performance and retention will be: 80% of the students will score 85% or higher on final exam and student achievement record. (Final + Achievement Record) / 2 = 85% or higher).
3. Indicate who will score and analyze the data. Department chair and instructors will blind-score the data. We will review to identify if there are areas of weakness or needed changes.
4. Explain how and when the assessment results will be used for program improvement. Assessment and update the course content. Analysis will also be done to evaluate the type of instruction used and if we identify areas of consistent weakness.

REVIEWER	PRINT NAME	SIGNATURE	DATE
Department Chair/Area Director	W.G. Sobbey		
Dean	Beves Glenn		1/28/08
Vice President for Instruction <input type="checkbox"/> Approved for Development <input type="checkbox"/> Final Approval			
President			
Board Approval			

logged 1/31/08 sj
Office of Curriculum & Assessment
logged 3/19

Program Information Report

School of Automotive and Motorcycle Technology

Auto Body Repair

Auto Body Repair (CTAUBR)

Certificate

Program Effective Term: Fall 2008

This program prepares students for entry-level jobs where they will repair and refinish damaged automobiles under the supervision of an auto body technician. Students will receive core skills in the areas of automotive welding, machining, and mechanics. Training is done using manuals for estimating job costs.

Major/Area Requirements		(32 credits)
ABR 111	Introduction to Auto Body Repair	4
ABR 112	Introduction to Automotive Refinishing	4
ABR 113	Applied Body Welding and Estimation	4
ABR 114	Applied Auto Body Welding	2
ABR 116	The Evolution of the Automobile	2
ABR 119	The Art of Metal Shaping	2
ABR 123	Technical Auto Body Repair	4
ABR 124	Technical Automotive Refinishing	4
ABR 135	Collision-Related Mechanical and Electrical Repairs	4
WAF 105	Welding for Art and Engineering	2

Minimum Credits Required for the Program: 32

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CFCR Program Name: Collision Repair

Effective Term: W/08

Division Code: VCT Department: Auto Body 14110 **ABDD**

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|--|---|
| <input type="checkbox"/> Review | <input type="checkbox"/> Program admission requirements |
| <input checked="" type="checkbox"/> Remove course(s): ASV 141 | <input type="checkbox"/> Continuing eligibility requirements |
| <input checked="" type="checkbox"/> Add course(s): ABR #135 | <input type="checkbox"/> Program outcomes |
| <input type="checkbox"/> Program title (title was | <input type="checkbox"/> Accreditation information |
| <input type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Advisors | Alignment w/ NATEF standards _____ |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

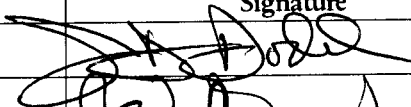
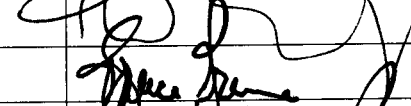


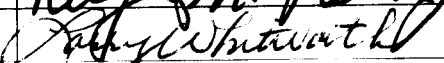
1. Creating an auto body specific collision repair related course similar to **AVS** 141.
2. More focus on collision related mechanical/electrical repairs.
3. Alignment with NATEF standards.

Financial/staffing/equipment/space implications:

Purchase I-Car Live presentation materials. (56 Power point presentations which covers structural and non structural repairs, mechanical/electrical and refinishing w/pre and post test) Cost: \$4300.00 Need ASE mechanical certified instructor.

List departments that have been consulted regarding their use of this program.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	J.A.Dodd		8/9/07
Department Chair	Gary Sobbry		8/9/07
Division Dean/Administrator	Bruce Greene		8/9/07
Vice President for Instruction	Roger Palay		8/28/07
President	Larry Whitworth		10/2/07

Do not write in shaded area. Entered in: Banner 10/3 C&A Database 10/3 Log File 8/9/07 Board Approval okjfg

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Collision Repair (CFCR)

Certificate

Core Courses (14 Credits)

ABR 111	Introduction to Auto Body Repair	4
ABR 116	The Evolution of the Automobile	2
ASV 141	Automotive Mechanics I	4
MTT 102	Machining for Auto Applications	2
WAF 100	Fundamentals of Welding	2
ABR 135	<i>Collision Related Mechanics/Electrical Repairs</i>	4

*Core courses must be taken before major courses.

Major/Area Requirements (16 Credits)

ABR 112	Introduction to Automotive Refinishing	4
ABR 113	Applied Body Welding and Estimation	4
ABR 123	Auto Body Repair Applications	4
ABR 124	Auto Refinishing Applications	4

Minimum Credits Required for the Program: **30 Credits**

Collision Repair Technician (CVCRT)

Advanced Certificate

Major/Area Requirements (20 Credits)

ABR 130	Custom Painting	4
ABR 219	Advanced Auto Body I: Major Repair	4
ABR 224	Advanced Auto Body II: Auto Refinishing Fundamentals	4
ABR 226	Advanced Auto Body III: Frame/Unibody Alignment	4
ABR 229	Advanced Auto Body IV: Major Repair Applications	4

Minimum Credits Required for the Program: **20 Credits**

Collision Repair Technician (CVCRT)

This program prepares students for jobs in the auto collision repair industry where they will repair major collision damaged vehicles. The program will give skills in advanced welding techniques, collision damage analysis, structural and mechanical repair, and solving refinish problems. Students can earn an AAS degree by completing the requirements for the Occupational Studies Program (APOST). See an advisor for assistance.



Program Information Report

Automotive Technologies

Collision Repair (CFCR)

Certificate

Program Effective Term: Fall 2008

This program prepares students for entry-level jobs where they will repair and refinish damaged automobiles under the supervision of an auto body technician. Students will receive core skills in the areas of automotive welding, machining, and mechanics. Training is done using manuals for estimating job costs.

Core Courses (14 credits)

ABR 111	Introduction to Auto Body Repair	4
ABR 116	The Evolution of the Automobile	2
ABR 135	Collision-Related Mechanical and Electrical Repairs	4
MTT 102	Machining for Auto Applications	2
WAF 100	Fundamentals of Welding	2

**Core courses must be taken before major courses.*

Major/Area Requirements (16 credits)

ABR 112	Introduction to Automotive Refinishing	4
ABR 113	Applied Body Welding and Estimation	4
ABR 123	Auto Body Repair Applications	4
ABR 124	Auto Refinishing Applications	4

Minimum Credits Required for the Program: 30

**WASHTENAW COMMUNITY COLLEGE
PROGRAM CHANGE REQUEST**

(1) Program Title: Automotive Body Repair Program Number: ABRC Effective Term: Fall 1993

(2) Change Information:

Current Program Course Requirements:			Proposed Program Course Requirements		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
ABR 113	Light Body Service	1	ABR 113	Body Service Fundamentals	2
Current Total Credits:		31	Proposed Total Credits:		32
Non-Course Program Requirements:			Non-Course Program Requirements:		

(3) Rationale for Proposed Changes:
Course was recently updated and changed from 1 credit to 2 credits.

(4) Financial/Staffing/Resource Implications of Change

(5) Has this program change been reviewed by all affected instructional departments? yes no

(6) Signatures	Comments	Signature	Date
Program Change Initiator		<i>P. [Signature]</i>	10-17-92
Department Chair(s) or Area Director(s)		<i>W. [Signature]</i>	10-20-92
Dean(s)		<i>R. [Signature]</i>	10/21/92
VP for Instruction/Student Services		<i>[Signature]</i>	10/22

AUTOMOTIVE SERVICES

Automotive Body Repair College Certificate Program: Code ABRC

Advisors: Edward Cammet, Lester Jordan

This program provides career training as an auto body repair technician. Auto body repairers are the workers who straighten bent frames, remove dents, and replace damaged parts that are beyond repair. Usually they can fix all types of vehicles, but most repairers work mainly on cars and small trucks. They receive instruction from their supervisors who have determined which parts are to be restored or replaced and how much time the job should take. They use special machines to align damaged frames and body sections, and tools such as a pneumatic metal-cutting gun, acetylene torch, welding equipment, hydraulic jack, hand prying bar, and pneumatic hammer. They also do filling of dents with plastic or solder, then file, grind, smooth and shape for painting.

Course Number	Course Title	Credit Hours
First Semester (Fall)		
ABR 111	Auto Body Repair Fundamentals.....	4
ABR 112	Auto Refinishing Fundamentals	4
ABR 113	Body Service Fundamentals (7½ weeks)	2
ABR 114	Applied Auto Body Welding (7½ weeks)	1
ABR 126	Fundamentals of Frame & Body Align.	2
MTH 090	Occupational Mathematics	3
		16
Second Semester (Winter)		
ABR 123	Auto Body Repair Applications.....	4
ABR 124	Auto Refinishing Applications	4
ABR 125	Flat Rate Estimating	2
ABR 127	Major Repair Fundamentals	2
ENG 100	Communication Skills	4
		16

Total credit hours for program: 32