

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

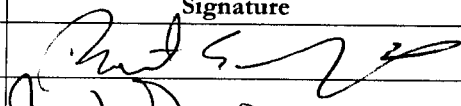
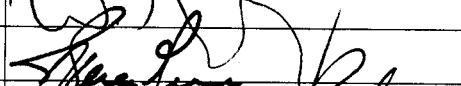
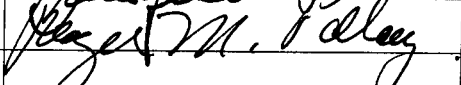
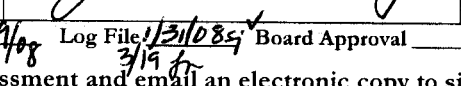
Financial/staffing/equipment/space implications:

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.

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>

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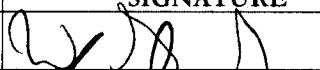
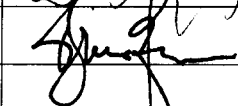
Assessment plan:

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:

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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 Sobby		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

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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