

UNIVERSITY OF ARKANSAS PULASKI TECH

Assessment Report: 2018-2019 – Program Level

The University of Arkansas – Pulaski Technical College calls for each program (AS, AA, AAS, CP, and TC) to have an assessment plan for each academic year that includes the following:

- Program Learning Objectives
- Procedures for assessing the achievement of student learning
- Procedures for analyzing and interpreting assessment results for the continuous improvment of the program.



A primary goal for each instructional department's assessment is to include at least one direct measure of student learning, which is accomplished usually through the use of locally developed tests, student portfolios, capstone assessment measures, embedded assignments, or through licensure exams and standardized national tests. In addition to direct measures, most areas may also use indirect methods to assess student achievement. Graduation rates and graduation and employer surveys are frequently used as indirect indicators of student achievement.

This form presents template of questions that must, at minimum, be addressed by instructional departments when filing an assessment plan. While an electronic version of this form will be made available, instructional departments may include additional information not specifically addressed in this form as long as the template questions are addressed.

Other Assessment Considerations:

- The College expects programs/departments/divisions to make curriculum changes and budget requests based in part upon assessment findings. Assessment of student learning should be a catalyst for quality instruction and improvement across the college community.
- All programs will be asked to submit an annual assessment report to the Assessment Committee by October 10th of each year. (If October 10th falls on a weekend, please submit reports on the following Monday.)
- For technical and occupational programs, please consider the role of your advisory committee in your student learning objectives.

This form must be completed by October 10 of each academic year. Complete each part of this form. Please follow highlighted instructions.

Part A: Identification and Assessment Plan

1. Name of program:	Collision Repair Technology
2. Name of individual compiling report:	Jacob Standley
3. Date of submission:	October 21, 2019
4. Is the assessment plan	
\square an initial plan for the \square a program	revision of an old plan unaltered from previous year
E Duranida a brief description of the reason	and its numbers to include a description of the

5. Provide a brief description of the program and its purposes, to include a description of the jobs/careers for which students are being prepared. COLLISION REPAIR TECHNOLOGY





Clipped from 255- 256 2019-2020 ACADEMIC CATALOG // UAPTC.EDU COURSE DESCRIPTIONS//

CRT 1003. Damage Analysis and Estimation This course includes visual inspection and writing of an estimate. Analysis of the extent of component damage, isolation of damaged components, determination of repair or replacement, and painting requirements. 2 lecture hours, 3 lab hours. (3 credit hours/special course fee//Collision Repair Course Fee)

CRT 1206. Non-structural Body Alignment and Repair I This course is designed for instruction in the area of non-structural repair, straightening, alignment, and fitting of major panels with an emphasis on safety practices. Coursework includes experience working with metal and plastic substrates, welding, heating, cutting, shaping and the application of corrosion prevention materials. Soft Skills such as communication, interviewing, professionalism is encouraged and demonstrated. 3 lecture hours, 9 lab hours. (6 credit hours/special course fee/ Collision Repair Course Fee)

CRT 1306. Non-structural Body Alignment and Repair II This course is a continuation of CRT 1206 with emphasis on practical application and safety. This course includes experience working with welding steel and aluminum, causes and effects of heating, precise measuring and cutting, shaping and diagnosing structural damage and repair processes. Soft skills such as communication, interviewing, professionalism is encouraged and demonstrated. 3 lecture hours, 9 lab hours. (6 credit hours/special course fee/Collision Repair Course Fee)

CRT 1404. Introduction to Collision Repair Introduction to Collision Repair is a foundational course in the Collision Repair program of study for students interested in learning more about automotive collision repair careers. Upon completion of this course, proficient students will be able to identify and explain the basic steps in the collision repair process, emphasizing safety, tools, equipment, and materials used. Students will be introduced to I-CAR curriculum and the use of manufacturers' repair procedures as a standard and the need for industry-standard certifications. 3 lecture hours, 3 lab hours. (4 credit hours/special course fee// Collision Repair Course Fee)

CRT 1406. Painting I This course teaches skills and technical knowledge in the preparation of substrates for paint, use, and maintenance of spray painting equipment, mixing and spraying of automotive finishes and identification of materials commonly used. It also includes instruction in spraying techniques and the application of corrosion prevention materials. Soft Skills such as communication, interviewing, professionalism is encouraged and demonstrated. Safety is emphasized. 3 lecture hours, 9 lab hours. (6 credit hours/special course fee/Collision Repair Course Fee)

CRT 1806. Painting II This course is a continuation of CRT 1406. Students develop skills in the use of basecoat / and tricoat systems, sanding, buffing, polishing, removal of overspray, tinting, and blending, applying paint materials, and using the latest techniques in paint mixing. Students must develop skills and knowledge to entry level. Safety is emphasized. Soft Skills such as communication, interviewing, professionalism is encouraged and demonstrated. 3 lecture hours, 9 lab hours. (6 credit hours/special course fee/Collision Repair Course Fee)





Part B: Student Learning Objectives, Assessment Methods, and Data Sources

In this section of the assessment plan, student learning objectives for the program will be defined. Also, assessment methods and data sources for each objective must be defined. Follow the instructions below to define and relate the program leaning objectives.

1. Complete the chart below or attach documentation of the assessment process that includes the data included below. Also attach any assessment instruments and grading rubrics used at the program level if applicable.

	Program Learning	0	Assessment Method and/or Data Source
	Demonstrate	CDT1002	SP2
•	knowledge of safe	CRT1003 CRT1404	I-CAR training and testing
	use of equipment	CRT1206	EDS01 Non-Structural Supplement
	and tools used in collision repair	CRT1306	EPEN1 End of Program Exam - Non-Structural ProLevel 1
	safety, along with OSHA and EPA	CRT1406 CRT1806	FOM01 Automotive Foams
	protective		GLA01 Movable Glass
	regulations in regard to the		PLA03 Plastic and Composite Repair
	handling of hazardous		STS01 Cosmetic Straightening Steel
	materials.		CPS01 Corrosion Protection
	a. Selection of Personal Protective		EDS02 Refinishing Supplement
	Equipment b. Practice workplace Safety		EPER1 End of Program Exam - Refinish ProLevel 1
	c. Time management in		NEW16 Vehicle Technology and Trends 2016
	the body shop		REF04 Detailing
			REF07 Waterborne Products, Systems, and Application
			WKR01 Hazardous Materials, Personal Safety, and Refinish Safety
			LSC04e Automotive Lighting
			TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
			TRM02e Removing and Installing Hardware Interior Trim
			REF02e Surface Preparation and Masking
			EXT03e Bolted-On Exterior Panels - Part 1
			EXT04e Bolted-On Exterior Panels - Part 2
			REF01e Refinishing Equipment
			AHS01e Advanced High-Strength Steel Overview

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		HWD01e Hazardous Material Storage and Disposal
		HAP01e Hazardous Airborne Pollutant Reduction
		IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
		IRC01e Intro to Refinishing and Corrosion Protection - Part 1
		IRC02e Intro to Refinishing and Corrosion Protection - Part 2
		IMT01e Intro to Mechanical Systems Terminology - Part 1
		IMT02e Intro to Mechanical Systems Terminology - Part 2
		IRT00e Intro to Industry Repair Terms
		ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
		ISS00e Intro to Safety Systems
		ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
		IVT01e Intro to Vehicle Parts Terminology - Part 1
		IVT02e Intro to Vehicle Parts Terminology - Part 2
		ICM00e Intro to Vehicle Construction Materials
		IPS00e Intro to Personal Safety
		IRP00e Intro to Collision Repair Process Overview
		Lab and class observation / rubrics I-CAR observation rubric rubric
 Demonstrate professionalism in 	CRT1003	SP2 I-CAR training
both the classroom	CRT1404 CRT1206	EDS01 Non-Structural Supplement
his includes the	CRT1306	EPEN1 End of Program Exam - Non-Structural ProLevel 1
ollowing: technically	CRT1406	FOM01 Automotive Foams
communication,	CK11806	GLA01 Movable Glass
afe/appropriate quipment/tool usage,		PLA03 Plastic and Composite Repair
roactive and		STS01 Cosmetic Straightening Steel
nroughout all		CPS01 Corrosion Protection
attitude, ability to follow		EDS02 Refinishing Supplement
lirections (written and verbal), and being		EPER1 End of Program Exam - Refinish ProLevel 1
aware of surroundings.		NEW16 Vehicle Technology and Trends 2016
a. Time management in		REF04 Detailing
the body shop		REF07 Waterborne Products, Systems, and Application
		WKR01 Hazardous Materials, Personal Safety, and Refinish Safety

Assessment Report



		LSC04e Automotive Lighting
		TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
		TRM02e Removing and Installing Hardware Interior Trim
		REF02e Surface Preparation and Masking
		EXT03e Bolted-On Exterior Panels - Part 1
		EXT04e Bolted-On Exterior Panels - Part 2
		REF01e Refinishing Equipment
		AHS01e Advanced High-Strength Steel Overview
		HWD01e Hazardous Material Storage and Disposal
		HAP01e Hazardous Airborne Pollutant Reduction
		IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
		IRC01e Intro to Refinishing and Corrosion Protection - Part 1
		IRC02e Intro to Refinishing and Corrosion Protection - Part 2
		IMT01e Intro to Mechanical Systems Terminology - Part 1
		IMT02e Intro to Mechanical Systems Terminology - Part 2
		IRT00e Intro to Industry Repair Terms
		ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
		ISS00e Intro to Safety Systems
		ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
		IVT01e Intro to Vehicle Parts Terminology - Part 1
		IVT02e Intro to Vehicle Parts Terminology - Part 2
		ICM00e Intro to Vehicle Construction Materials
		IPS00e Intro to Personal Safety
		IRP00e Intro to Collision Repair Process Overview
		Lab and along observation (rubrics
Demonstrate		SP2
correct and	CRT1404	I-CAR training and testing
variety of tools to	CRT1206	EDS01 Non-Structural Supplement
repair metal or	CRT1306	EPEN1 End of Program Exam - Non-Structural ProLevel 1
plastic products. a. Tool identification	CRT1806	FOM01 Automotive Foams
b. Parts and trim	2	GLA01 Movable Glass
		PLA03 Plastic and Composite Repair
		STS01 Cosmetic Straightening Steel
		CPS01 Corrosion Protection

З.



		EDS02 Refinishing Supplement
		EPER1 End of Program Exam - Refinish ProLevel 1
		NEW16 Vehicle Technology and Trends 2016
		REF04 Detailing
		REF07 Waterborne Products, Systems, and Application
		WKR01 Hazardous Materials, Personal Safety, and Refinish Safety
		ISCOMe Automotive Lighting
		TRM02o Removing and Installing Exterior Trim, Pinstrings, and Docals
		TRHOSE Removing and installing Exterior Trini, Firistripes, and Decais
		TRM02e Removing and Installing Hardware Interior Trim
		REF02e Surface Preparation and Masking
		EXT03e Bolted-On Exterior Panels - Part 1
		EXT04e Bolted-On Exterior Panels - Part 2
		KEFUIE KETINISNING EQUIPMENT
		HWD01e Hazardous Material Storage and Disposal
		HAP01e Hazardous Airborne Pollutant Reduction
		IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
		IRC01e Intro to Refinishing and Corrosion Protection - Part 1
		IRC02e Intro to Refinishing and Corrosion Protection - Part 2
		IMT01e Intro to Mechanical Systems Terminology - Part 1
		IMT02e Intro to Mechanical Systems Terminology - Part 2
		IRT00e Intro to Industry Repair Terms
		ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
		ISS00e Intro to Safety Systems
		ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
		IVT01e Intro to Vehicle Parts Terminology - Part 1
		IVT02e Intro to Vehicle Parts Terminology - Part 2
		ICM00e Intro to Vehicle Construction Materials
		IPS00e Intro to Personal Safety
		IRP00e Intro to Collision Repair Process Overview
		I-CAR observation rubric rubric
4. After examinin		SP2
damaged car p	Dart CRT1404	I-CAR training and testing
(metal or plast	tic), CRT1206	EDS01 Non-Structural Supplement
differentiate	CRT1306	EPEN1 End of Program Exam - Non-Structural ProLevel 1
among a	full CRT1406	FOM01 Automotive Foams
panel, ble	end CRT1806	
7		



paner, (or enot		CLA01 Mayable Class
repair. a	and will		DLAUI PIUVAULE Glass
then f	ormulate		CTC01 Composite Repair
and exe	ecute a		
repair pl	an that		CPSUI Corrosion Protection
includes s	selecting		EDS02 Refinishing Supplement
the corre	CT TOOIS,		EPER1 End of Program Exam - Refinish ProLevel 1
chemical	grits, S,		NEW16 Vehicle Technology and Trends 2016
replacem	ent		REF04 Detailing
parts, primer/pa	ints		REF07 Waterborne Products, Systems, and Application
following	proper		WKR01 Hazardous Materials, Personal Safety, and Refinish Safety
meet	factory		LSC04e Automotive Lighting
recomme	ndations		TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
for an ac finish.	ceptable		TRM02e Removing and Installing Hardware Interior Trim
a. Deta	ailing and		REF02e Surface Preparation and Masking
buffi b Iden	ng tifving and		EXT03e Bolted-On Exterior Panels - Part 1
anal	yzing		EXT04e Bolted-On Exterior Panels - Part 2
auto	motive		REF01e Refinishing Equipment
uam	ayes		AHS01e Advanced High-Strength Steel Overview
			HWD01e Hazardous Material Storage and Disposal
			HAP01e Hazardous Airborne Pollutant Reduction
			IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
			IRC01e Intro to Refinishing and Corrosion Protection - Part 1
			IRC02e Intro to Refinishing and Corrosion Protection - Part 2
			IMT01e Intro to Mechanical Systems Terminology - Part 1
			IMT02e Intro to Mechanical Systems Terminology - Part 2
			IRT00e Intro to Industry Repair Terms
			ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
			ISS00e Intro to Safety Systems
			ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
			IVT01e Intro to Vehicle Parts Terminology - Part 1
			IVT02e Intro to Vehicle Parts Terminology - Part 2
			ICM00e Intro to Vehicle Construction Materials
			IPS00e Intro to Personal Safety
			IRP00e Intro to Collision Repair Process Overview
			Lab and class observation / rubrics
			I-CAR observation rubric rubric
	mining a	CRT1003	SP2
5. After exa		CRT1404	



	CRT1206	EDS01 Non-Structural Supplement
and execute a	CRT1306	EPEN1 End of Program Exam - Non-Structural ProLevel 1
cosmetic straightening	CRT1406	FOM01 Automotive Foams
repair plan that	CRT1806	GLA01 Movable Glass
follows industry		PLA03 Plastic and Composite Repair
standard		STS01 Cosmetic Straightening Steel
procedures to		CPS01 Corrosion Protection
recommendations		EDS02 Refinishing Supplement
for an acceptable		EPER1 End of Program Exam - Refinish ProLevel 1
a. Identify Vehicle		NEW16 Vehicle Technology and Trends 2016
Materials		REF04 Detailing
b. Application of Fillers		REF07 Waterborne Products, Systems, and Application
c. Detailing and buffing		WKR01 Hazardous Materials, Personal Safety, and Refinish Safety
d. Identifying and		LSC04e Automotive Lighting
analyzing automotive		TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
damages		TRM02e Removing and Installing Hardware Interior Trim
		REF02e Surface Preparation and Masking
		EXT03e Bolted-On Exterior Panels - Part 1
		EXT040 Boltod-On Exterior Panols - Part 2
		REF01e Refinishing Equipment
		AHS01e Advanced High-Strength Steel Overview
		HWD01e Hazardous Material Storage and Disposal
		HAP01e Hazardous Airborne Pollutant Reduction
		IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
		IRC01e Intro to Refinishing and Corrosion Protection - Part 1
		IRC02e Intro to Refinishing and Corrosion Protection - Part 2
		IMT01e Intro to Mechanical Systems Terminology - Part 1
		IMT02e Intro to Mechanical Systems Terminology - Part 2
		IRT00e Intro to Industry Repair Terms
		ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
		ISS00e Intro to Safety Systems
		ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
		IVT01e Intro to Vehicle Parts Terminology - Part 1
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		ICM00e Intro to Vehicle Construction Materials
		IPS00e Intro to Personal Safety
		IRP00e Intro to Collision Repair Process Overview Mitchell Alldata

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			Lab and class observation / rubrics
			I-CAR observation rubric rubric
6.	Demonstrate knowledge of	CRT1003 CRT1206	SP2 I-CAR training and testing
	corrosion	CRT1306	EDS01 Non-Structural Supplement
	proper	CRT1406	EPEN1 End of Program Exam - Non-Structural ProLevel 1
	applications of	CRT1806	FOM01 Automotive Foams
	undercoats.		STS01 Cosmetic Straightening Steel
	a. Planning non- structural repair		CPS01 Corrosion Protection
	b. Perform parts		EDS02 Refinishing Supplement
	removal c. Perform Sheet		EPER1 End of Program Exam - Refinish Proj evel 1
	Metal Straightening		
	d. Restore		NEW16 Vehicle Technology and Trends 2016
	Corrosion Protection		WKR01 Hazardous Materials, Personal Safety, and Refinish Safety
	e. Knowledge and		TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
	Primers		REF02e Surface Preparation and Masking
			REF01e Refinishing Equipment
			AHS01e Advanced High-Strength Steel Overview
			HWD01e Hazardous Material Storage and Disposal
			HAP01e Hazardous Airborne Pollutant Reduction
			IRC01e Intro to Refinishing and Corrosion Protection - Part 1
			IRC02e Intro to Refinishing and Corrosion Protection - Part 2
			IRT00e Intro to Industry Repair Terms
			ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
			ISS00e Intro to Safety Systems
			ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
			IVT01e Intro to Vehicle Parts Terminology - Part 1
			IVT02e Intro to Vehicle Parts Terminology - Part 2
			ICM00e Intro to Vehicle Construction Materials
			IPS00e Intro to Personal Safety
			IRP00e Intro to Collision Repair Process Overview
			Lab and class observation / rubrics
7.	Demonstrate from	CRT1206	SP2
	set-up to clean-up	CRT1306	I-CAR training and testing
	safe and proper	2	EDS01 Non-Structural Supplement
	use of a MIG		FOM01 Automotive Foams
	basic welds to		STS01 Cosmetic Straightening Steel
	industry		CPS01 Corrosion Protection

Assessment Report



	automotive gauge		NEW16 Vehicle Technology and Trends 2016
	steel in the		TDM02a Demoving and Installing Exterior Trim Directrines, and Decale
	Industry		TRIMOSE Removing and installing Exterior Trim, Pristripes, and Decais
			TRM02e Removing and Installing Hardware Interior Trim
			REF02e Surface Preparation and Masking
			AHS01e Advanced High-Strength Steel Overview
			HWD01e Hazardous Material Storage and Disposal
			HAP01e Hazardous Airborne Pollutant Reduction
			IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
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			IMT02e Intro to Mechanical Systems Terminology - Part 2
			IRT00e Intro to Industry Repair Terms
			ITM02e Intro to Tools, Equipment, and Attachment Methods - Part 2
			ISS00e Intro to Safety Systems
			ICM00e Intro to Vehicle Construction Materials
			IPS00e Intro to Personal Safety
			WCS03 ans WCA03 qualifacations
			Lab and class observation / rubrics
,	Domonatrata	0074055	I-CAR observation rubric rubric
s.	proper usage of	CRT1206	I-CAR training and testing
	paint spraying	CR11306	EDC01 New Chryshund Cumplement
	equipment from	CR11406	EDS01 Non-Structural Supplement
	paint/primer	CR11806	PLA03 Plastic and Composite Repair
	application of		STS01 Cosmetic Straightening Steel
	paint using a		CPS01 Corrosion Protection
	variety of spray techniques, and		EDS02 Refinishing Supplement
	to the cleaning		EPER1 End of Program Exam - Refinish ProLevel 1
	of equipment.		REF04 Detailing
	a. Professionalism b. How to mix paint		REF07 Waterborne Products, Systems, and Application
	and clears c. Knowledge and		WKR01 Hazardous Materials, Personal Safety, and Refinish Safety
	Application of Primers		TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
	u. Application of base coats		TRM02e Removing and Installing Hardware Interior Trim
	and how to apply		REF02e Surface Preparation and Masking
	it		REF01e Refinishing Equipment
			HWD01e Hazardous Material Storage and Disposal



HAP01e Hazardous Airborne Pollutant Reduction
IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
IRC01e Intro to Refinishing and Corrosion Protection - Part 1
IRC02e Intro to Refinishing and Corrosion Protection - Part 2
ISS00e Intro to Safety Systems
ITM01e Intro to Tools, Equipment, and Attachment Methods - Part 1
ICM00e Intro to Vehicle Construction Materials
IPS00e Intro to Personal Safety
and class observation / rubrics I-CAR observation rubric rubric

2. For each program objective, if applicable, discuss any additional data sources that may be used to gauge success (e.g. charts, graphs, surveys, rates).

100% of the graduating students form CRT (Collision Repair Technology) with TC (Technical Certificate) will complete with I-CAR's Platinum status, and Prolevel 1 in Non-structural Technician, ProLevel 1 Refinish Technician. Students graduate with a national standing. (Do to the length of the document copies of the document can be looked at or copied from the I-CAR's website i-car.com)

100% of the student will complete SP/2 Collision Repair Safety, Collision Repair Pollution Prevention with the final test of 100%. The students will also complete the Land that Job, and Ethics and you in the Automotive Industry. (Do to the length of the doc SP2 user report can be provided)

All Estimating student will complete 10 of the Mitchell-U courses. Related to the set-up, reading, writing and understanding of an estimate, work order and repair order.

Each class has rubrics

I-CAR lab Observation

Criteria	Novice	Competent	Proficient	
Participation ¥ Weight 33.00%	25.00 %	50.00 %	100.00 %	
Organization ¥ Weight 34.00%	25.00 %	50.00 %	100.00 %	
Safety ≯ Weight 33.00%	25.00 %	50.00 %	100.00 %	



Daily Labs

Criteria	Student grossly omitted an understanding of the exercises at hand.	Student violated major procedure in the lab.	Lab results Proficient	Lab mastered with some assistance	Lab results were exemplary.
Safety Observation ≫ Weight 20.00%	10.00 % Safety practices were not observed, or a dangerous violation committed with or without a accident. Or Student did not were PPE	40.00 % Student was reminded several times, or has several safety violations in the same. Or Student did not all were PPE	70.00% Student was observed with more than one safety violation. Student had PPE out of place.	87.00% Student was reminded to use proper PPE	100.00 % Student fallowed all safety practices in lab today
Procedures ≫ Weight 20.00%	10.00 % No procedures followed, after explanations prior to lab.	40.00 % Most of the task procedures were not followed.	70.00 % Task procedures followed but task was not mastered.	87.00 % Task and procedures mastered with, guidance from instructor	100.00 % Task and procedure s mastered. Student performed to a profession al level.
Involvement Weight 20.00%	10.00 % Student was not at work station for over 15 minutes. or was very disruptive	40.00 % Disruptive or uninvolved student was not focused.	70.00 % Student work well but but did not clean as well as they should have.	87.00 % Student worked with others to obtain good work environment	100.00 % Student went out of their way to make the lab a better work area.



Criteria	Student grossly omitted an understanding of the exercises at hand.	Student violated major procedure in the lab.	Lab results Proficient	Lab mastered with some assistance	Lab results were exemplary.
Tool and material selection ≫ Weight 20.00%	10.00 % Wrong selection of tools or materials used after tool and material orientation. Or total misuse	40.00 % After several one on one sessions student still does not use the correct tools (properly) or use the correct materials	70.00 % Correct tools but wrong technique	87.00 % Correct tools, materials only small amount of advice given	100.00 % Student has mastered tool selection and techniques selects correct materials
Task out come ¥ Weight 20.00%	10.00 % Visibly Poor quality or incomplete task.	40.00 % Poor quality on completed task but needs to be examined closer. 20 footer	70.00 % Student quality of work is acceptable to the untrained eye. 10 footer	87.00 % Student produces a product with only minor imperfection s	100.00 % Quality of Craftsman ship is exceptiona l

Classes Frame and Body Alignment II

and Painting II

This is to grade the damage repaired at the tip of the fender. We should not see the blend or inclusions in the surface of the clear. More than 3 inclusions in a 100 mm area is not except able. The rate is 5 to 1, 5 being perfect, anything below 3.5 is below average below 3.0 is failing. This exercise is to determine if you understand or know what damages you are looking at and see the work you have provided. Please be objective I will grate your performance and the overall fender (This Repair).





Student Grade		Instructors Grade
	Fish Eyes	
	Any Solvent Pop visible	
	Pin Holes or signs of in the new damage	
	Sand Scratch Swelling	
	Sand Scratches (surface)	
	Inconsistent Orange Peel	
	Metallic sag or gathering	
	Runs or any signs of	
	Dirt or debris in finish or signs	
	Poor Hiding or Coverage	
	Improper Sanding to Filler	
	Improper Sanding to Finish	
	Improper Buffing	
	Molting	
	Seedy Finish	
	Are there any burns (rub thru)	
	Are any dents or waves visible	
	Improper Spray Techniques	
	Improper Detail (compound or	
	scratches)	
	Overall Finish	
sub total 1		sub total 2
	total	

Please take your time to make sure that all of the areas listed are reviewed and documented fully. If you have any questions please ask questions, Jacob





Copied from I-CAR web site

CAREER & TECHNICAL SCHOOLS TEST WELDS (THIN: 22 GAUGE THICK: 16 GAUGE) WELDING TRAINING & CERTIFICATIONTM: STEEL (GMA) MIG WELDING (WCS03) ©2017 Inter-Industry Conference on Auto Collision Repair Page 1 of 2 EDU-15007S | 070517

1. FILLET THIN-THIN Vertical Overlap halfway along length Visual: 25–38 mm long 3–8 mm wide Destructive: Tearout from top coupon for the length of the weld

2. OPEN BUTT THIN-THIN Vertical Butt 2 coupons along length Visual: 25-38 mm long 3-8 mm wide Backside: Evidence of complete fusion Destructive: Fold faces onto each other, no cracking in weld backside along length

3. PLUG THIN–THICK Vertical Overlap coupons halfway to form a "T," 6 mm hole in top thin coupon Visual: 8–10 mm nugget diameter / backside melt-through 5-8 mm diameter

4. PLUG THIN–THIN Vertical Overlap coupons on corner, 90°, 6 mm hole in top coupon Visual: 8– 10 mm nugget diameter Destructive: 3-8 mm hole in bottom coupon

5. PLUG THICK–THICK Vertical Overlap coupons on corner, 90°, 8 mm hole in top coupon Visual: 10–13 mm nugget diameter Destructive: 5–10 mm hole in bottom coupon

6. BUTT WITH BACKING THICK-THICK Vertical Butt 2 coupons along length with backing of same thickness Visual: 25-38 mm long 5-10 mm wide Destructive: Tearout from top coupons for the length of the weld

7. FILLET THIN–THIN Overhead Overlap 2 coupons halfway along length Visual: 25–38 mm long 3-8 mm wide Destructive: Tearout from top coupon for the length of the weld

8. OPEN BUTT THIN-THIN Overhead Butt 2 coupons along length Visual: 25-38 mm long 3-8 mm wide Backside: Evidence of complete fusion Destructive: Fold faces onto each other, no cracking in weld backside along length

9. PLUG THIN-THICK Overhead Overlap coupons halfway to form a "T," 6 mm hole in top thin coupon Visual: 8-10 mm nugget diameter / backside melt-through 5-8 mm diameter

10. BUTT WITH BACKING THIN-THIN Overhead Butt 2 coupons along length with backing of same thickness Visual: 25–38 mm long 3–8 mm wide Destructive: Tearout from top coupons for the length of the weld

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CAREER & TECHN ICAL SCHOOLS TEST WELDS (THIN: 1 mm THICK: 2.5 mm) WELDING TRAINING & CERTIFICATIONTM: ALUMINUM (GMA) MIG WELDING (WCA03) ©2017 Inter-Industry Conference on Auto Collision Repair Page 1 of 2 EDU-15007A | 070517

1. BUTT JOINT W/BACKING THICK-THICK-THICK Vertical Butt together two coupons along their length, leaving a root gap of 2-3 coupon thickness, over a third coupon. Visual: 57-76 mm long 10-16 mm wide Destructive: Metal tear out on each of the face coupons for the length of the weld and the weld holds firm on the backing piece. The coupons should break not the weld.



2. FILLET THIN-THICK Vertical Overlap thin coupon halfway along the length of a thick coupon. Visual: 57–76 mm long 5–10 mm wide Destructive: Metal tear out from the thin coupon for the length of the weld and the weld holds firm on the backing piece. The coupons should break not the weld.

3. BUTT JOINT WITH BACKING, THIN-THIN-THIN Vertical Butt two coupons along their length, leaving a root gap of 2-3 coupon thickness, over a third coupon. Visual: 57-76 mm long 5-10 mm wide Destructive: Metal tear out on each of the face coupons for the length of the weld and the weld holds firm on the backing piece. The coupons should break not the weld.

4. PLUG THIN–THIN Vertical Overlap coupons on corner, 90°, 8 mm hole in top coupon Visual: 11– 15 mm nugget diameter Destructive: Tear out hole from bottom coupon of at least 5 mm in diameter

5. BUTT JOINT W/BACKING THICK-THICK–THICK Overhead Butt together two coupons along their length, leaving a root gap of 2-3 coupon thickness, over a third coupon. Visual: 57–76 mm long 10–16 mm wide Destructive: Metal tearout on each of the face coupons for the length of the weld and the weld holds firm on the backing piece. The coupons should break not the weld.

6. FILLET THIN-THICK Overhead Overlap thin coupon halfway along the length of a thick coupon Visual: 57–76 mm long 5–10 mm wide Destructive: Metal tearout from the thin coupon for the length of the weld and the weld holds firm on the backing piece. The coupons should break not the weld.

7. BUTT JOINT W/BACKING THIN-THIN-THIN Overhead Butt 2 coupons along their length, leaving a root gap of 2-3 coupon thickness, over a third coupon. Visual: 57-76 mm long 5-10 mm wide Destructive: Metal tearout on each of the face coupons for the length of the weld and the weld holds firm on the backing piece. The coupons should break not the weld.

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3. Describe the process of analyzing the assessment data for the last academic year.

Third party data bases used, recall and redirected the student to the area of insufficient answers. The data provided in each of the third party testing are nationally known and are industry leaders. I-CAR maintains a list and the testing results of each student. Mitchell and SP 2 each maintain a data base with the student results that can be recalled. Each provide the Collision industry with up-to-date relevant information. I-CAR and Mitchell set the standards in their respected areas of expertise. Our PIE (Partners In Education) and our Advisory Team have reviewed the supplier's data and use and or support our use of that material.

Do to the complexity of the collision repair industry please keep in mind that all of the components of the body and work together to work as a unit much the same as the human body. If one part is damaged or does not work correctly it effects many other areas.

4. Complete the chart below or attach documentation of the assessment findings that includes the data included below.

	Program Learning Objectives	Assessment Findings/Conclusion
1.	Demonstrate knowledge of safe and	SP2 is nationally known for its test
	appropriate use of equipment and tools	results.



	used in collision repair safety, along with OSHA and EPA protective regulations in regard to the handling of hazardous materials.	Class room and lab observations / rubric, Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing provide national recognition students have successfully complete training and are competent in two areas of training Graduate students have completed task list (fender) observations Class room and Lab observations / rubrics	
2.	Demonstrate professionalism in both the classroom and lab. This includes the following: technically accurate communication,safe/appropriate equipment/tool usage, proactive and responsible actions throughout all procedures, a positive attitude, ability to follow directions (written and verbal), and being aware of surroundings.	Class room and Lab observations / rubrics Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing provide national recognition students have successfully complete training and are competent in two areas of training Completing the Michel and SP2 modules of training	
3.	Demonstrate correct and accurate use of a variety of tools to repair metal or plastic products.	Class room and Lab observations / rubrics Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing Completion of Tasks, Fender and bumper repair PLA03	
4.	After examining a damaged car part (metal or plastic), students will differentiate among a full panel, blend panel, or spot repair, and will then formulate and execute a repair plan that includes selecting the correct tools, abrasive grits, chemicals, replacement parts, primer/paints following proper procedures to meet factory recommendations for an acceptable finish.	Class room and Lab observations / rubrics Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing Completion of Tasks, Fender and bumper repair Testing and completion of SP2	
5.	After examining a damaged car structure or frame, formulate and execute a cosmetic straightening repair plan that follows industry standard procedures to meet factory recommendations for an acceptable repair.	Class room and Lab observations / rubrics Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing Completion of Tasks, Fender and bumper repair Testing and completion of SP2 and bumper repair I-CAR and Alldata Testing and completion of SP2	
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Demonstrate knowledge of corrosion protection and proper applications of undercoats.	Completing the Mitchell train and writing of estimates Class room and Lab observations / rubrics Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing Completion of Tasks, Fender and bumper repair Testing and completion of SP2
Demonstrate from set-up to clean-up safe and proper use of a MIG Welder to perform basic welds to industry standards on automotive gauge steel in the Collision Repair Industry.	Class room and Lab observations / rubrics WCS01 I-CAR training
Demonstrate proper usage of paint spraying equipment from paint/primer mixing to application of paint using a variety of spray techniques, and to the cleaning and maintenance of equipment.	Class room and Lab observations / rubrics Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing Completion of Tasks, Fender and bumper repair
I-CAR's ProLevel 1 Refinishing	Test results from I-CAR conclude and Completion of task list (fender) observations
. I-CAR's ProLevel 1 Refinishing	Test results from I-CAR conclude and Completion of task list (fender) observations
. Vehicle construction	Test results from I-CAR and Mitchell conclude and Completion of task list (fender) observations rubric
. Platinum status with I-CAR	Completing I-CAR's Prolevel 1 in both Non-Structural and Refinishing provide national recognition students have successfully complete training and are competent in two areas of training
. Safety	SP2 is nationally known for its test
. Professionalism	Class room and lab observations / rubric
. Estimating and Damage Analysis	Students completing I-CAR Platinum, Fender and plastic tasks and Mitchell training have demonstrated a working knowledge of damages and repair techniques
	Demonstrate knowledge of corrosion protection and proper applications of undercoats. Demonstrate from set-up to clean-up safe and proper use of a MIG Welder to perform basic welds to industry standards on automotive gauge steel in the Collision Repair Industry. Demonstrate proper usage of paint spraying equipment from paint/primer mixing to application of paint using a variety of spray techniques, and to the cleaning and maintenance of equipment. I-CAR's ProLevel 1 Refinishing . I-CAR's ProLevel 1 Refinishing . Vehicle construction . Platinum status with I-CAR . Safety . Professionalism . Estimating and Damage Analysis



20.

5. What is the action plan for assessment for the next academic year? Explain.

I intend on using the I-CAR Data base to give our students a national base line. This base line is seen by the collision repair as the industry standard at this time. With I-CAR going through so many changes just this year I am seeing it could benefit our students if we add two advanced classes. This may give the students the opportunity to achieve the Prolevel 2 in Refinish and Nonstructural this would be a more attractive view for the industry. This will take time not only to determine but for the instructor to advance for the added documentations.

6. What changes were implemented this year based on last year's findings?

We have implemented in a small fraction, live work students seem to get more involved. As a result of our Advisory Team meeting, we have also added more emphasis on Blue Printing and Cycle Time Improvement. I have the ability to call these classes from my ITEs from I-CAR.

7. Please write any additional information here that you think is pertinent to the assessment process for your program that assists stakeholders (i.e. administrators and standing committees) in understanding your report.

CRT program has job placement or continuing education for 100% of the graduating students. I have students in working in every central Arkansas Service King, Bale Chevrolet, McCarty North / South, Gwatney Jacksonville / Sherwood /West, Steve Landers, Landers, Crain Chevrolet, Tillery Hot Springs, A&J Conway, Parker Restoration, Ron's Benton,. Students have started out from \$13.00 an hour with a set of tools loaned to them to a commission rate of \$20.00 an hour and turn from 30 hrs to 70 hrs a week.

We have students that have opened a business and have been successful A 1 Custom Collision, Sullies. I stop from time to time to talk to the owners to see how things a progressing and for their growth to be amazing.

UAPTC is an I-CAR fixed site, giving our students the ability to acquire ProLevel 1 and Platinum status at no cost to the student. This is a saving of approximately \$1200.00 to \$1400.00 dollars in saving to a shop or the student. This also give the student or the employer continuing discounts for that student to stay current with I-CAR with a 20% discount. The students have the opportunity to weld test or certify as a welder with I-CAR WCS03 WSA03 and SPS05 for \$375.00 each a savings of \$925.00 on each of the tests or Certification's.

Each year the Collision Education Foundation donates materials and Safety gear. We have received well over \$50,000.00 dollars in the past and there is more to come. They have provided Professional Development for me when I was able to attend, and invite UAPTC each year in November to the largest Car show and tool show SEMA in Las Vegas. We have been awarded thousands of dollars to keep our tools up to date and buy new tools.

We have a newly reopened High School program with a new instructor (Mike Hill) that will start as a feeder class for the CRT programs. The class has increased in size 50% from last year



- 8. What budgetary resources, if any, are needed for your program based on your assessment findings?
 - 1. Maintenance, (yearly)
 - a. Paint Booths, scheduled clean and inspect yearly
 - b. Compressor, scheduled clean and inspect yearly
 - c. HVAC, scheduled clean and inspect yearly
 - d. Roof, scheduled clean and inspect yearly
 - e. Floor, scheduled clean and inspect yearly
 - f. Lifts
 - g. Supplied breathing, install
 - 2. Equipment, Maintenance, (monthly)
 - a. Paint booths,
 - b. Compressor,
 - c. Air lines, hoses
 - d. Frame equipment
 - e. Fire extinguishers
 - 3. Preventative Maintenance,
 - a. Paint booths, filters
 - b. Compressor oil and filters
 - c. Air lines, hoses
 - d. Lifts, safety check
 - e. Frame equipment
 - f. Supplied breathing, safety check
 - 4. Educational semester
 - a. Hand tool replacement
 - b. Material for fenders
 - c. Cleaning hands
 - d. Floor care
 - *e.* Office supplies
 - f. Uniforms
 - g. Safety equipment PPE
 - 5. Custodial
 - a. Trash
 - b. Floors
 - c. Desks
 - d. Chairs





e. White board

Assessment Report

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