



Recommended Training Paths

Ford Collision Repairs Masters Program

The I-CAR® Vision is that every person in the collision industry has the necessary technical knowledge and skills relevant to their position to achieve a complete and safe repair.

CORE TRAINING PROGRAMS

Fundamentals of Collision Repair

FCR01 (1) **N** **S**

Vehicle Identification, Estimating Systems, and Terminology

DAM01 (1)

Frontal Impact Analysis

DAM02 (1) **N** **S**

Mechanical Systems Analysis

DAM03 (1) **N** **S**

Steering and Suspension Damage Analysis

DAM06 (1)

Restraints, Interior, Glass, Side and Rear Impact Analysis

DAM04 (1) **N** **S**

Aluminum Panels and Structures Damage Analysis

DAM05 (1)

Hazardous Materials, Personal Safety, and Refinish Safety

WKR01 (1) **N** **S** **R**

Corrosion Protection

CPS01 (1) **N** **S** **R**

NON-STRUCTURAL

STRUCTURAL

REFINISHING

MECHANICAL

ESTIMATING, MANAGEMENT, APPRAISAL

Material covered in Core Training Programs provides a foundation for I, II, III, and IV programs.

Oxyacetylene/Plasma Arc Cutting

WCS05 (1)

Trim and Hardware

TRM01 (2) **N** **R**

Automotive Foams

FOM01 (1)

Cosmetic Straightening Steel

STS01 (1)

Bolted-On Part Replacement

EXT01 (2) **N**

Movable Glass

GLA01 (1)* **N** **S**

Stationary Glass

GLA02 (1)* **N** **S**

Measuring

MEA01 (1) **S**

Structural Straightening Steel

SSS01 (1) **S**

Detailing

REF04 (1)* **R**

Electrical Circuits and DVOM Usage

ELE01 (2)

Diagnosis, Testing, and Repair of Common Electrical Loads

ELE02 (2)

Power Accessories

PWR01 (2)

Lighting, Starting, and Charging Systems

LSC01 (2)

Brakes

BRA01 (1)

Air Conditioning

AIR01 (2)

Heating and Cooling Systems

HEA01 (2)

Tires and Wheels

STE01 (1)

Suspension Systems

STE02 (1)

Rack and Pinion and Parallelogram Steering Systems

STE03 (1)

Collision Facility Management

ALL

Non-Structural I, Structural I, Refinishing I, and Mechanical I Programs

PLUS

Compressed Air Systems, Vehicle Lifts, and Other Capital Equipment

TLR01 (1)

Other Estimating, Management, Appraisal

ALL

Non-Structural I

(Except: Oxyacetylene/Plasma Arc Cutting).

Structural I, Refinishing I, and Mechanical I Programs

SPECIALTY TRAINING PROGRAMS

Customer Service Personnel

Customer Relations and Collision Repair

CUS01 (2)

I-CAR Developed Ford Training

Collision Repair Overview for the Ford F-150

FRD01 (1)*

Other I-CAR Developed OEM Training

DaimlerChrysler

General Motors

Volvo

For the most current and complete information on I-CAR Developed OEM Training, visit I-CAR online at www.i-car.com.

II

Plastic Welding Repair

PLA01 (1) **S** **R**

Plastic Adhesive Repair

PLA02 (1) **S** **R**

Adhesive Bonding

ADH01 (1) **N**

Steel GMA (MIG) Welding

WCS01 (1) **N** **S**

Squeeze-Type Resistance Spot Welding

WCS04 (1)

Welded and Adhesively Bonded Panel Replacement

EXT02 (1) **N** **S**

Wind Noise and Water Leaks

WNW01 (1)*

Steel Unibody Front and Rear Rails, Floors, and Front Structure

SPS01 (1)* **S**

Steel Unibody A-, B-, C-, D-Pillars, and Rocker Panels

SPS02 (1)* **S**

Steel Full-Frame Sectioning

SPS03 (1)* **S**

Full-Frame Replacement

SPS06 (1)*

Refinishing Equipment and VOC Regulations

REF01 (1) **R**

Surface Preparation and Masking

REF02 (1)* **R**

Wheel Alignment and Diagnostic Angles

STE04 (2)

Drivetrains and Engine Mounts

DRT01 (2)

Fault Code Retrieval, Diagnosis, and Testing Electronic Systems

ELE03 (2)

Electronically Controlled Steering and Suspension Systems

STE05 (1)

Restraints

RES01 (2)*

Anti-Lock Brakes and Traction Control Systems

ABR01 (2)

ALL Non-Structural II, Structural II, Refinishing II, and Mechanical II Programs

III

Cosmetic Straightening Aluminum

STA01 (1) **N** **S**

Aluminum GTA (TIG) Welding

WCA04 (1)

Aluminum GMA (MIG) Welding

WCA01 (1) **N** **S**

Replacing Aluminum Exterior Panels

PRA01 (1) **N** **S**

Structural Straightening Aluminum

SSA01 (1)

Structural Aluminum Design and Repair Processes

SPA01 (1)*

Structural Aluminum Repair Processes

SPA02 (1)*

Color Theory, Application, Tinting, and Blending

REF03 (2)* **R**

Fuel and Exhaust Systems

FUE01 (1)

Driveability Issues, No-Starts, and Emissions

DRE01 (1)

Advanced Restraint Systems

RES02 (1)*

Electric and Electric Hybrid Vehicles

ALT01 (1)

ALL Non-Structural III, Structural III, Refinishing III, and Mechanical III Programs

IV

Automotive Steel GMA (MIG) Welding Qualification Test Prep

WCS02 (0) **N** **S**

Automotive Steel GMA (MIG) Welding Qualification Test

WCS03 (4) **N** **S**

Automotive Aluminum GMA (MIG) Welding Qualification Test Prep

WCA02 (0) **S**

Automotive Aluminum GMA (MIG) Welding Qualification Test

WCA03 (4) **S**

Structural Parts Steel Qualification Test Prep

SPS04 (0)*

Structural Parts Steel Qualification Test

SPS05 (4)*

*Programs have at least one I-CAR recommended prior program listed in another task area column - see www.i-car.com or the I-CAR Training Catalog for details.

HOW TO USE THE I-CAR/FORD TRAINING PATHS

The training paths organize all I-CAR training into task area columns. Detailed program listings can be found at www.i-car.com or in the I-CAR Training Catalog. Symbols indicate training recommendations for different areas of the Ford Collision Repair Masters Program. Contact 313.337.8356 for questions about Ford requirements.

Program Name
Class Code (Point Value)*

