



# Recommended Training Paths

Ford Collision Repairs Masters Program

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

## CORE TRAINING PROGRAMS

- Fundamentals of Collision Repair  
FCR01 (1) **N** ☆
- Vehicle Identification, Estimating Systems, and Terminology  
DAM01 (1)
- Frontal Impact Analysis  
DAM02 (1) **N** ☆
- Mechanical Systems Analysis  
DAM03 (1) **N** ☆
- Steering and Suspension Damage Analysis  
DAM06 (1)

- Restraints, Interior, Glass, Side and Rear Impact Analysis  
DAM04 (1) **N** ☆
- Aluminum Panels and Structures Damage Analysis  
DAM05 (1)
- Hazardous Materials, Personal Safety, and Refinish Safety  
WKR01 (1) **N** ☆ **R**
- Corrosion Protection  
CPS01 (1) **N** ☆ **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)
- Boiled-On Part Replacement  
EXT01 (2) **N**
- Movable Glass  
GLA01 (1)\* **N** ☆

- Stationary Glass  
GLA02 (1)\* **N** ☆
- Measuring  
MEA01 (1) ☆
- Structural Straightening Steel  
SSS01 (1) ☆

- Detailing  
REF04 (1)\* **R**

- Electrical Circuits and DVOM Usage  
ELB01 (2)
- Diagnosis, Testing, and Repair of Common Electrical Loads  
ELB02 (2)
- Power Accessories  
PWR01 (2)
- Lighting, Starting, and Charging Systems  
LSC01 (2)
- Brakes  
BRA01 (1)
- Air Conditioning  
ABR01 (2)
- Heating and Cooling Systems  
HEA01 (2)
- Tires and Wheels  
STB01 (1)
- Suspension Systems  
STB02 (1)
- Rack and Pinion and Parallelogram Steering Systems  
STB03 (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  
TIS01 (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
- Chrysler
- 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](http://www.i-car.com).

- Plastic Welding Repair  
PLA01 (1) ☆ **R**
- Plastic Adhesive Repair  
PLA02 (1) ☆ **R**
- Adhesive Bonding  
ADH01 (1) **N**
- Steel GMA (MIG) Welding  
WCS01 (1) **N** ☆
- Squeeze-Type Resistance Spot Welding  
WCS04 (1)
- Welded and Adhesively Bonded Panel Replacement  
EXT02 (1) **N** ☆
- Wind Noise and Water Leaks  
WNV01 (1)\*

- Steel Unibody Front and Rear Rails, Floors, and Front Structure  
SPS01 (1)\* ☆
- Steel Unibody A-, B-, C-, D-Pillars, and Rocker Panels  
SPS02 (1)\* ☆
- Steel Unitized Structures Technologies and Repair  
SPS07 (1)\*
- Steel Full-Frame Sectioning  
SPS03 (1)\* ☆
- Steel Full-Frame Technologies and Repair  
SPS08 (1)\*
- 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  
STB04 (2)
- Drivetrains and Engine Mounts  
DRT01 (2)
- Fault Code Retrieval, Diagnosis, and Testing Electronic Systems  
ELB03 (2)
- Electronically Controlled Steering and Suspension Systems  
STB05 (1)
- Restraints  
RES01 (2)\*
- Anti-Lock Brakes and Traction Control Systems  
ABR02 (2)

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

- Cosmetic Straightening Aluminum  
STA01 (1) **N** ☆
- Aluminum GTA (TIG) Welding  
WCA04 (1)
- Aluminum GMA (MIG) Welding  
WCA01 (1) **N** ☆
- Replacing Aluminum Exterior Panels  
PRA01 (1) **N** ☆

- 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

- Automotive Steel GMA (MIG) Welding Qualification Test Prep  
WCS02 (0) **N** ☆
- Automotive Steel GMA (MIG) Welding Qualification Test  
WCS03 (4) **N** ☆
- Automotive Aluminum GMA (MIG) Welding Qualification Test Prep  
WCA02 (0) ☆
- Automotive Aluminum GMA (MIG) Welding Qualification Test  
WCA03 (4) ☆

- Structural Parts Steel Qualification Test Prep  
SPS04 (0)\*
- Structural Parts Steel Qualification Test  
SPS05 (4)\*

- Non-Structural Repair Masters **N**
- Structural Repair Masters ☆
- Refinishing Masters **R**

\*Programs have at least one recommended prior program listed in another task area column – see [www.i-car.com](http://www.i-car.com) 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](http://www.i-car.com). 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)\*