

## April 2018 PowerSchool CATE Page Changes

Multiple changes have been made to the CATE Page in PowerSchool that take effect immediately. Details of the changes can be found below. Contact Shawn Larrymore ([SMLarrym@ed.sc.gov](mailto:SMLarrym@ed.sc.gov)/803-734-8450) or Murline Ingram ([MIngram@ed.sc.gov](mailto:MIngram@ed.sc.gov)/803-734-4901) with questions about the content of this document or the CATE Page.

### Field Changes

The program section of the CATE Page has been duplicated to identify students who become concentrators and/or completers in a second state-recognized CATE program, and an additional field has been added to each section to identify students who completed an approved three-unit minimum program.

Please note that the definitions for the Concentrator, CIP Code, Completer, Completion Year, and Remote School Number fields remain the same and can be found in the 2017-18 CATE Student Reporting Procedures Guide [<https://ed.sc.gov/instruction/career-and-technology-education/performance-accountability/cate-data-collection-and-reporting/>].

Summary of Changes	
Field	Change Type
Primary CATE Concentrator	“Primary” added to field name
Primary CIP Code	“Primary” added to field name
Primary Completer	“Primary” added to field name
Primary Completion Year	“Primary” added to field name
Primary 3-Unit Completer*	NEW Field
Primary Remote School Number	“Primary” added to field name
Secondary CATE Concentrator	NEW Field
Secondary CIP Code	NEW Field
Secondary Completer	NEW Field
Secondary Completion Year	NEW Field
Secondary 3-Unit Completer*	NEW Field
Secondary Remote School Number	NEW Field

\*The **Primary 3-Unit Completer** and **Secondary 3-Unit Completer** fields indicate whether the student completed an approved three-unit CATE program by earning only three units. If the student completed an approved three-unit program by earning only three units, select “Y” from the dropdown list. If the student completed an approved three-unit program by earning more than three units, select “N” from the dropdown list. The list of programs that have been approved with a three-unit minimum can be found in Appendix C of the CATE Student Reporting Procedures Guide.

The field(s) must be populated if a student is coded as a completer. For example, the Secondary 3-Unit Completer field must be populated if a student is coded as a completer in the Secondary Completer field.

▶ **Data Entry** (dropdown box)

Blank = [default]

Y = Yes

N = No

### New Certifications and Descriptions

New national and state certifications have been added to the Certification 1 – Certification 10 fields. The Certification lists are now alphabetized.

▶ **Data Entry** (dropdown box): appropriate certification(s) administered for CATE students

#### 107 – ASE Medium/Heavy Duty Diesel Engine

The ASE Medium/Heavy Duty Diesel Engine certification identifies and recognizes those Medium and Heavy Truck Technicians who can demonstrate knowledge of the skills necessary to diagnose, service, and repair different systems of Class 4 through Class 8 trucks and tractors. [ASE]

#### 108 – Commercial Driver’s License Permit

Commercial Learner’s Permits (CLPs) are valid for intrastate and interstate (out-of-state) use, if the following conditions are met: You must have a Commercial Learner’s Permit (CLP) to operate a commercial motor vehicle which meets the requirements for a Class A, B, or C. State learners permits are issued for a limited time (180 days) and are considered valid for the purpose of behind the wheel training on public roads and highways, if the following minimum conditions are met.

1) A CLP may be issued to an individual who holds a valid Class D license and have passed the appropriate vision and written test for the type CDL sought. 2) The CLP holder must be 18 years of age or older. 3) A CLP may only contain the following endorsements: (S) School Bus, (P) Passenger, and (N) Tanker. No other endorsements are permitted on a CLP. A CLP may never be issued with a Hazardous Materials endorsement. 4) An original CLP must be held for at least 14 days before you are eligible to take the skills test. 5) The holder of a CLP, unless otherwise disqualified may drive a commercial motor vehicle, but only when accompanied by the holder of a valid CDL with applicable endorsements which are for the type vehicle being driven, and who

occupies the seat beside the individual for the purpose of giving instruction in driving the commercial vehicle. 6) He does not operate a commercial motor vehicle transporting hazardous materials as defined in 383.5 of the Federal Motor Carrier Safety Regulations. 7) The CLP may not be issued longer than 180 days. Only one renewal or reissuance may be granted within a two (2) year period, South Carolina Department of Motor Vehicles (DMV). [\[DMV\]](#)

### **109 – I-CAR ProLevel 1**

Estimators are expected to learn and refine the following areas as they complete each I-CAR®ProLevel™: Write a complete and accurate damage analysis report for front, side, and rear impact damage on drivable vehicles, work safely around hybrid vehicles, analyze damage to restraint systems, coordinate parts ordering and scheduling, understand the automotive refinish process, diagnose simple electrical damage, analyze damage to advance materials and identify hail, theft, and vandalism damage. [\[I-CAR\]](#)

### **110 – I-CAR ProLevel 2**

Analyze front, side, and rear impact damage on non-drivable vehicles, analyze damage to advanced safety systems and advanced electrical/mechanical systems, stationary glass damage analysis and replacement considerations, identify flood and fire damage and strongly encourage to maintain ASE Estimator (B6) certification. [\[I-CAR\]](#)

### **111 – I CAR ProLevel 3**

Perform a tear-down for complete damage analysis, analyze damage to advanced steering and suspension systems, strongly encouraged to obtain ASE certification, beyond the Estimator (B6) certification and receive role-relevant annual training. [\[I-CAR\]](#)

### **112 – I-CAR Advance High Strength Steel (AHSSole)**

Vehicle makers are using stronger and lighter-weight steels to increase passenger safety and vehicle fuel mileage. Because of the higher strength, these steels provide unique repair challenges. This program provides an overview of the different types of steels used in late model vehicle construction, addresses reparability concerns, and provides some vehicle maker recommendations on proper repair techniques: understand vehicle maker recommendations for advanced high-strength steels, identify which tools and equipment should be used when working on advanced high-strength steel (AHSS), understand the effect of temperature on AHSS when determining proper joining methods, understand how heat used during straightening of AHSS may affect strength and durability, identify the importance of monitoring anchoring points when straightening AHSS parts, know straightening precautions for high-strength steel parts, identify the location of AHSS in vehicle construction such as rails, rockers, and pillars, identify the location of UHSS in vehicle construction such as bumpers, door beams, pillars, rockers, and roof rails. [\[I-CAR\]](#)

### **113 – I-CAR Automotive Foams (FOM01)**

This online self-study is designed to help better understand the following collision repair-related concepts: understand uses and application procedures for automotive foam, understand structural foam considerations and curing methods, identify procedures related to installation of expandable foam, understand how to choose correct, replacement materials, and know how to work safely around automotive foams. [\[I-CAR\]](#)

### **114 – I-CAR Automotive Lighting (LSC04e)**

Learning objectives for this module include explaining repair consideration for headlamps, as well as information on switches and lighting circuits. The final module describes positions of lighting in vehicles and collision related problems with lighting. The student will also learn information on switches and bulbs, identify interior and exterior lamps, as well as different types of headlamps, describe repair considerations around operation and repair of headlamps and understand collision related problems in exterior and interior lighting. [\[I-CAR\]](#)

### **115 – I-CAR Bolt-on-Exterior Panel Part 1 (EXT03e)**

The course begins by examining considerations around panel alignment and repair considerations. The student will gain insight into tools used for repairing and replacing door hinges. Additionally, students will learn about considerations around replacement parts and recycled automotive parts; identify and understand considerations around working with bolted-on exterior panel replacement parts, understand removal and installation procedures for doors, analyze and diagnose the source of leaks and understand how to install weather stripping.

[\[I-CAR\]](#)

### **116 – I-CAR Bolt-on-Exterior Panel Part 2 (EXT04e)**

The course opens by discussing steps for identifying and replacing various front body panels, as well as how to properly align front body panels in the collision repair process. The second module in the course explores the removal, installation, and replacement of different style rear body panels; identify and understand considerations around working with bolted-on exterior panel replacement parts, understand considerations around replacing bumpers, hoods, and fenders, understand considerations around removing and installing rear closure panels. [\[I-CAR\]](#)

### **117 – I-CAR Corrosion Protection (CPS01)**

This online self-study is designed to help better understand the following collision repair-related concepts: recognize causes of corrosion and understand the corrosion protection processes of manufacturers, identify the steps required in determining where to apply anti-corrosion compounds and undercoating, understand the considerations for properly preparing parts for corrosion protection coatings, explain how to apply corrosion protection materials, identify the function and location of chip-resistant coating and how to replace it during the repair process, identify seam sealer characteristics and applications and identify the different corrosion protection recommendations from the different vehicle makers. [\[I-CAR\]](#)

### **118 – I-CAR Cosmetic Straightening Steel (STS01)**

This online self-study is designed to help better understand the following collision repair-related concepts: identify characteristics and considerations for steel repairs, examine different types of damage and understand repair procedures, understand procedures and considerations for application of Paintless Dent Repair (PDR). [\[I-CAR\]](#)

### **119 – I-CAR Detailing (REF04)**

This online self-study is designed to help better understand the following collision repair-related concepts: perform a thorough vehicle inspection and identify defects in a vehicle finish, be able to remove finish defects by using the proper removal procedures and understand interior and exterior detailing. [\[I-CAR\]](#)

### **120 – I-CAR Hazardous Air Pollutant Reduction (HAP01e)**

What is the EPA Final Rule? It is a piece of environmental legislation that affects every collision repair facility. This legislation was designed to provide guidelines for working with products that create hazardous air pollutants and requires any person who applies coatings with a spray gun to receive training on hazardous air pollutant reduction. This program explains the Final Rule, the training requirements, which this program helps achieve, and lists products that fall under the Final Rule. In addition, this program provides tips and techniques for reducing the amount of hazardous products used, as well as provides recommendations for proper product application equipment and application environments. Following the information provided in this program not only benefits overall air quality in the United States, but increases worker safety, reduces material costs, and helps ensure compliance with EPA regulations; explain requirements of the EPA regulations and evaluate how they apply to specific businesses, identify hazardous air pollutants (HAP) and how they can affect public health and the environment, understand how to use personal protection equipment, Identify ways to reduce the amount of methylene chloride (MeCl) paint stripper, identify equipment that reduces the amount of HAP, identify spray application techniques and gun adjustments that reduce the amount of HAP released into the environment, understand spray gun cleaning requirements, understand spray booth requirements and filter maintenance schedules material. [\[I-CAR\]](#)

### **121 – I-CAR Hazardous Material Storage and Disposal (HWD01e)**

Vehicles require using many different liquid and solid materials that may result in hazardous waste generation. The Liquid and Solid Hazardous Waste Storage and Disposal Overview Online Training program will present information about identification, handling, storage, and disposal of hazardous waste; identify hazardous waste, determine proper storage and disposal of hazardous waste and maintain proper hazardous waste records. [\[I-CAR\]](#)

### **122 – I-CAR Hazardous Materials, Personal Safety, Refinish Safety (WKR01)**

Incorporate basic procedures for safety and preventive measures in a shop environment, understand the importance of labeling and when workplace labeling is required, identify hazardous material exposures and learn storage regulations, understand how to use personal protective equipment and emergency handling equipment, identify hazardous waste types and waste regulations, select and use proper personal protective equipment and identify proper storage requirements hazardous waste materials. [\[I-CAR\]](#)

### **123 – I-CAR Intro to Construction Materials (ICM00e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: steel, aluminum and magnesium, plastics, carbon fiber and collision energy management. [\[I-CAR\]](#)

### **124 – I-CAR Intro to Mechanical Repair Terms and Vehicle Protection (IMV00e)**

This online self-study course contains five modules designed to better understand the following collision repair-related concepts: electrical, mechanical, steering and suspension systems, protecting electronic systems and preventing vehicle damage during repair. [\[I-CAR\]](#)

### **125 – I-CAR Intro to Mechanical System Terminology Part 1 (IMT01e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: steering, wheels and tires, brakes and stability control.

[\[I-CAR\]](#)

### **126 – I-CAR Intro to Mechanical System Terminology Part 2 (IMT02e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: suspension, drivetrain, heating and cooling and air conditioning. [\[I-CAR\]](#)

### **127 – I-CAR Intro to Personal Safety (IPS00e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: general protection, structural repairs, non-structural repairs and hybrids. [\[I-CAR\]](#)

### **128 – I-CAR Intro to Refinishing and Corrosion Protection Part 1 (IRC01e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: vehicle maker processes, refinishing terms, refinish materials and personal safety. [\[I-CAR\]](#)

### **129 – I-CAR Intro to Refinishing and Corrosion Protection Part 2 (IRC02e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: refinishing tools, refinishing preparation, refinishing defects and corrosion protection. [\[I-CAR\]](#)

### **130 – I-CAR Intro to Repair Process (IRP00e)**

This online self-study is designed to help better understand the following collision repair-related concepts: damage analysis and vehicle repair preparation, structural repair, on-structural repair, refinishing and corrosion protection, post-repair inspection and delivery. [\[I-CAR\]](#)

### **131 – I-CAR Intro to Repair Terminology (IRT00e)**

This online self-study course contains five modules designed to better understand the following collision repair-related concepts: non-structural, structural, structural part replacement, glass and damage report writing. [\[I-CAR\]](#)

### **132 – I-CAR Intro to Safety Systems (ISS00e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: airbags, seat belts and child safety seats, occupant classification, and additional systems. [\[I-CAR\]](#)

### **133 – I-CAR Intro to Tools, Equipment and Attachment Methods Part 1 (ITM01e)**

This online self-study course contains five modules designed to better understand the following collision repair-related concepts: basic tools – part 1, basic tools – part 2, mechanical fastening, glass and trim and estimating tools and processes. [\[I-CAR\]](#)

### **134 – I-CAR Intro to Tools, Equipment and Attachment Methods Part 2 (ITM02e)**

This online self-study course contains five modules designed to better understand the following collision repair-related concepts: measuring and straightening, welding, welding methods, panel bonding and capital equipment. [\[I-CAR\]](#)

### **135 – I-CAR Intro to Vehicle Parts Terminology Part 1 (IVT01e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: bumpers, front body, and roof panels, doors, rear closure panels, box assemblies, and exterior trim lighting. [\[I-CAR\]](#)

### **136 – I-CAR Intro to Vehicle Parts Terminology Part 2 (IVT02e)**

This online self-study course contains four modules designed to better understand the following collision repair-related concepts: front unibody structures and full frames, side and rear unibody structures, interior, and glass. [\[I-CAR\]](#)

### **137 – I-CAR Movable Glass (GLA01)**

This online self-study is designed to help better understand the following collision repair-related concepts: Identify the roles of movable glass in vehicles and types of drive mechanisms, understand considerations for replacing rear body and side door glass, describe parts of window regulators and window channels, understand removal and replacement considerations for sunroofs and removable glass panels, know how to complete post-collision inspection processes, analyze damage and troubleshoot for glass and electrical problems. [\[I-CAR\]](#)

### **138 – I-CAR New Vehicle Technology and Trends 2016 (New16)**

Understand the latest trends and industry influences, know what features and technologies to expect including vehicle materials and designs, safety features, and fuel-saving strategies, covers North American, Asian, and European vehicles to avoid surprises during the repair procedure, gain insight into repair procedures for several 2016 model vehicles. [\[I-CAR\]](#)

### **139 – I-CAR Plastic and Composite Repair (PLA03)**

This online self-study is designed to help better understand the following collision repair-related concepts: Identify different types of plastics by their characteristics and determine the level of plastic identification that is required to perform a repair, understand correct preparation procedures for plastics, identify different types of plastics used on today's vehicles and the correct methods to repair each, recognize proper adhesives for different repairs and when to use adhesion promoter, perform one- and two-sided plastic adhesive repairs and mounting tab repairs, understand the considerations around refinishing plastic parts, identify the types of plastic welds in automotive applications, identify welding equipment and its uses, explain how hot air welds and airless welds are made, identify differences between a fusion weld and an adhesion weld. [\[I-CAR\]](#)

### **140 – I-CAR Refinishing Equipment (REF01e)**

This online self-study is designed to help better understand the following collision repair-related concepts: Understand safety precautions when working with a spray gun, identify different types of designs of spray guns and understand their setup procedures, understand how to work safely around compressed air and know how to work with mixing tools and mixing ratios. [\[I-CAR\]](#)



### **141 – I-CAR Removing and Installing exterior Trim, Pinstriping, and Decals (TRM03e)**

This online self-study is designed to help better understand the following collision repair-related concepts: describe methods for application and removal of pinstripes and decals, explain processes for installing door trim panels, handles, and lock cylinders, Identify interior and exterior parts and understand how to remove and replace them. [\[I-CAR\]](#)

### **142 – I-CAR Removing and Installing Interior Trim (TRM02e)**

This online self-study is designed to help better understand the following collision repair-related concepts: identify hardware and understand correct use, and understand how to work with trim and moldings. [\[I-CAR\]](#)

### **143 – I-CAR Surface Preparation and Masking (REF02e)**

This online self-study is designed to help better understand the following collision repair-related concepts: identify refinish and finish materials, understand how to develop a refinishing plan, understand how to mask and remove parts, know how to prepare substrates and apply primers, recognize procedures for making a test panel and specialty spray areas. [\[I-CAR\]](#)

### **144 – I-CAR Waterborne Products, Systems and Applications (REF07)**

Explain why waterborne products are used and which waterborne products are available, understand the difference between waterborne and solvent-borne refinishing materials, including waterborne characteristics and benefits, identify the environmental impact and reasons for converting to waterborne refinishing materials, understand preparation, mixing, and application considerations, explain the facility requirements for making the conversion to waterborne refinishing materials and recognize proper storage and disposal procedures of waterborne materials. [\[I-CAR\]](#)

**[145 – discontinued]**

### **North American Technicians Excellence (NATE)**

NATE certification tests represent real world working knowledge of HVACR systems. Developed by a committee of industry experts nationwide, our NATE exams represent HVACR topics pertinent to contractors, educators, manufacturers and utilities alike. All of the NATE tests are rigorous, multiple-choice, knowledge-based tests and validate a technician's knowledge. NATE candidates may earn Installation and/or Service certification in one or more Specialty areas, including:

**146 – NATE – Air Conditioning** [\[NATE\]](#)

**147 – NATE – Air Distribution** [\[NATE\]](#)

**148 – NATE – Commercial Refrigeration (Service Only)** [\[NATE\]](#)

**149 – NATE – Gas Heating** [\[NATE\]](#)

**150 – NATE – Ground Source Heat Pump Loop Installer (Service Only)** [\[NATE\]](#)

**151 – NATE – Heat Pumps** [\[NATE\]](#)

**152 – NATE – Hydronics Gas (Service Only)** [\[NATE\]](#)

**153 – NATE – Hydronics Oil (Service Only)** [\[NATE\]](#)

**154 – NATE – Light Commercial Refrigeration (Service Only)** [\[NATE\]](#)

**155 – NATE – Oil Heating** [\[NATE\]](#)



### **OSHA Firefighter and OSHA Hazardous Materials Training (HM)**

OSHA Firefighter and OSHA Hazardous Materials Training (HM) response is a technical area requiring extensive training. The Career Technology Center program developed in partnership with the S.C. Fire Academy, S.C. State Firefighters' Association and the State Department of Education provides initial HM training for the responder that meets OSHA requirements for Firefighter and Hazardous Materials Training and is based on NFPA 472 to Awareness, Operations and Technician. These certifications are embedded in the Firefighter 1 course and upon successful completion and testing will be awarded a certificate form the SCFA. [\[SCFA\]](#)

### **156 – OSHA Firefighter**

### **157 – OSHA Hazardous Materials Training**

### **158 – QuickBooks Certified User**

QuickBooks is one of the best-selling versions of small business financial software. QuickBooks certification is proof to clients or employers that you are proficient using QuickBooks. You become QuickBooks certified by passing Intuit's QuickBooks Certification Exam. [\[CERTIPORT\]](#)

### **159 – S/P2 Ethics and You in the Automotive Industry**

This certification addresses the everyday challenges of making ethical decisions in the workplace, in order to help change the way the automotive industry is perceived through education and training.

The course includes topics such as:

- Understating the benefits of having an ethical Code of Conduct,
- Recognizing how ethical decisions can impact the workplace,
- Anticipating ethical situations common to the automotive industry, and
- How to use exploratory questions to guide personal behavior.

Ethical shops have higher customer loyalty and retention. This course will help prepare employees and owners to make better choices, act appropriately and avoid problems.

[\[SP2 ETHICS\]](#)