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| **Program-Level Learning Outcome** (e.g. Students will describe the impact of various cultures on American cuisine.) | **Assessment Measure(s) and Where Implemented in Curriculum –** Description of Instrument(s)/ process(es) used to measure results and indication of where the assessment will be collected in curriculum. (e.g. Essay on Cultural influences on American cuisine in CUIS 1300.) | **Targets-** Level of Success Expected  (e.g. 80% of students score 2.5 or better on rubric for essay on cultures and cuisine.) | **Results**  Data collected from Fall 2022 – Summer 2023 |
| **PLO #1**  Students will be able to implement and differentiate between collision industry safety protocols, OEM repair procedures, and the different processes that are required to perform repairs to achieve a vehicle’s pre-accident condition. | Students are to perform final lab assignment in ABDR 1291 where they will be required to identify all repair OEM procedures, safety requirements, and processes required repairs. | 70% of students score 80% or more on rubric for lab assignments. | Spring 2023 – 88% of students scored 80% or higher on lab assignments.  Summer 2023 – 91% of students scored 80% or higher on lab assignments. |
| **PLO #2**  Students will be able to select paint formulas for specific vehicles, mix blendable formulas per paint manufacturer specifications, prepare panels for paint application, and apply paint as specified by the paint manufacturer. | Students are to perform lab assignment in ABDR 2449 where a metallic color is mixed as a blendable match, panel is prepared to manufacture’s specifications, and paint products are applied as the paint manufacture specifies for a complete color match. | 70% of students score 70% or more on rubric for lab assignments. | Spring 2023 - 100% of students scored 70% or higher on lab assignments. |
| **PLO #3**  Students will be able to identify panel material, determine whether a panel is considered repairable or replaceable, identify repair and replacement procedures with required tools, shape and contour material, and utilize appropriate filler material to achieve pre-accident contours. | Students are to perform final lab assignment in ABDR 1455, identify panel’s material, repairability, and perform OEM approved repairs to achieve pre-accident contours to the point the panel is ready where a shop would move the panel to refinishing department. | 70% of students score 80% or more on rubric for lab assignments. | Fall 2022 – 100% of students scored 80% or higher on lab assignments.  Spring 2023 – 83% of students scored 80% or higher on lab assignments. |
| **PLO #4**  Students will be able to measure structural dimensions of a vehicle, identify the specific type of structure utilized for the vehicle, and implement the OEM-required repairs and procedures designated for the make and model of the vehicle. | Students will ensure a vehicle meets all OEM specified measurements, remove structural panel, and panel is replaced as specified by OEM procedures in ABDR 2441. | 70% of students score 70% or more on rubric for lab assignments. | Spring 2023 – 100% scored 70% or higher on lab assignments. |
| **PLO #5**  Students will be able to evaluate the condition of a damaged vehicle, assess repair cost vs vehicle value, create a blueprint estimate, and demonstrate customer service skills by explaining the repair process of a vehicle to a customer. | Students are to perform final lab assignment in ABDR 2255, vehicle is blueprinted, estimate is created, and student will discuss repair process with potential customer. | 70% of students score 80% or more on rubric for lab assignments. | Results unavailable. This course is being taught for the first time for the Fall 2023 semester. |
| **PLO #6**  Students will be able to reference the applicable OEM repairs for different types of metal substrates in order to select a specific welder to perform collision repair welds, properly utilize various specific collision repair welds, and determine quality and integrity of welds with industry standard destructive and non-destructive tests. | Students will perform I-CAR Welding Certification Tests for structural steel and aluminum welding in ABDR 2347. | 70% of students score an average of 70% between the two welding tests. | Fall 2022 – 100% of students scored an average above 70% between the two welding tests. |
| **PLO #7**  Students will perform pre- and post-repair diagnostic scans of vehicles, identify ADAS features, determine if mechanical and electrical components require repair or replacement, and perform post repair calibration of mechanical and ADAS components to OEM repair specifications. | Students will perform the final lab assignment in ABDR 2402, where they will be required to perform an ADAS calibration based off of OEM procedures. | 70% of students score 70% or more on rubric for lab assignments. | Spring 2023 – 93% of students scored 70% or higher on lab assignments.  Summer 2023 – 100% of students scored 70% or higher on lab assignments. |
| **PLO #8**  Students will be able to remove and install various trim parts and body panels, align panels with the appropriate gaps, understand structural glass, and recognize various plastic and metal fasteners. | Students will perform a final lab assignment in ABDR 1315; the assignment will be an overhaul of a door. An overhaul is when you take all the components (window, door handles, door panels, etc.) from one door and install them into a new door. | 70% of students score 70% or more on rubric for lab assignments. | Fall 2022 – 95% of students scored 70% or higher on lab assignments.  Spring 2023 – 100% of students scored 70% or higher on lab assignments. |

**Analysis:**

Our most recent visit to CAB resulted in curriculum changes starting Fall 2022. No results for PLO #5 are available because ABDR-2255: Collision Repair Estimating is being taught for the first time during Fall 2023.

Lab assignments are trending successful across the board, but this could be because lab assignments are worth the most points in our courses. 55% of students’ final scores are based on lab assignments, so students tend to concentrate on turning in those assignments.

Collision Technology will return to CAB to add an enhanced skills certificate, so there will likely be revisions to our assessment plan to gather different data for our Program Learning Outcomes.