

# Custom Paint and Fabrication • Auto Body Technician

## Semester Course Outline • 2022 – 2023

18 Months (4 Semesters) • Revised: 3/8/22

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 73.5

\* Optional exit point for Diploma • 9 Months (2 Semesters) • Credits Required: 38.5



### First Year – Fall Semester

| Course Number   | Course Title                      | Clock Hours | Credits |
|---|-----------------------------------|-------------|---------|
| CPF 100   | Basic Sheet Metal Repair          | 112         | 4       |
| CPF 101   | Refinish Prep and Masking         | 56          | 2       |
| CPF 103   | Body Damage Repair                | 56          | 2       |
| CPF 104   | Safety                            | 28          | 1       |
| CPF 105   | Undercoats and Spray Techniques   | 84          | 3       |
| CPF 108   | Industry and Vehicle Introduction | 28          | 1       |
| WLD 100   | Introduction to Welding           | 84          | 3       |
| <ul style="list-style-type: none"> <li>Selected Communications Course (Choose one)<br/>                     CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit)<br/>                     COMM 101 – Communications and Career Strategies<br/>                     ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)</li> </ul> |                                   | 45          | 3       |
| <b>Total</b>  |                                   | 493         | 19      |

### First Year – Spring Semester

| Course Number  | Course Title                     | Clock Hours | Credits |
|--|----------------------------------|-------------|---------|
| CPF 107  | Automotive Painting              | 84          | 3       |
| CPF 111  | Paint Defects/Causes and Cures   | 56          | 2       |
| CPF 113  | Final Detailing                  | 56          | 2       |
| CPF 115  | Industrial Painting              | 84          | 3       |
| CPF 116  | Intro to Collision Estimating    | 14          | .5      |
| CPF 223  | Automotive Glass Installation    | 56          | 2       |
| AED 100  | Automated External Defibrillator | 14          | .5      |
| HAZ 100  | Hazardous Materials              | 14          | .5      |
| PSYC 100   | Psychology of Human Relations    | 45          | 3       |
| <ul style="list-style-type: none"> <li>Selected Mathematics Course (Choose one)<br/>                     MATH 100 – Applied General Math<br/>                     MATH 101 – Intermediate Algebra<br/>                     MATH 114 – College Algebra *</li> </ul> |                                  | 45          | 3       |
| <b>Total</b>   |                                  | 468         | 19.5    |

\* **Exit point for Diploma Option:** An exit point is intended for those students who do not pursue the Associate of Applied Science (A.A.S.) Degree. These students will receive a Diploma.

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### Semester Course Outline • 2022 – 2023

#### Second Year – Fall Semester

| Course Number | Course Title                         | Clock Hours | Credits |
|---------------|--------------------------------------|-------------|---------|
| CPF 200       | Auto Body Minor Collision            | 84          | 3       |
| CPF 202       | Water/Solvent Blending and Tinting   | 112         | 4       |
| CPF 207       | Auto Body Structural Repair          | 84          | 3       |
| CPF 209       | Waterborne Painting                  | 112         | 4       |
| CPF 221       | Plastic Repair and Paint             | 56          | 2       |
| CSC 102       | Windows Applications for Technicians | 45          | 3       |
| <b>Total</b>  |                                      | 493         | 19      |

#### Second Year – Spring Semester

| Course Number  | Course Title  | Clock Hours | Credits |
|--|---|-------------|---------|
| CPF 205  | Auto Body Major Collision                                 | 84          | 3       |
| CPF 212  | Fabrication   | 28          | 1       |
| CPF 226  | Computerized Estimating                                   | 28          | 1       |
| CPF 228  | Body and Paint Production                                 | 168         | 6       |
| CPF 241  | Introduction to Tig, Aluminum, and Silicon Bronze Welding | 28          | 1       |
| CPF 250  | Air Brushing and Special Effects                          | 28          | 1       |
| ● Selected Social Science Course (Choose one)<br>ECON 105 – Leadership in the Global Workplace<br>ECON 201 – Principles of Microeconomics I *<br>SOC 100 – Introduction to Sociology * |   | 45          | 3       |
| <b>Total</b>   |   | 409         | 16      |

**Elective Course:** With the instructor's approval, SCT 100 – Solar Car Team may be substituted for up to 6 credits of course work or taken as an additional elective.

- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (\*) can be transferred directly to the university system and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.

Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.