

# Custom Paint and Fabrication • Auto Body Technician

## Semester Course Outline • 2023 – 2024

18 Months (4 Semesters) • Revised: 1/18/23

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)                             <ul style="list-style-type: none"> <li>CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit)</li> <li>COMM 101 – Communications and Career Strategies</li> <li>ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)</li> </ul> </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)                             <ul style="list-style-type: none"> <li>MATH 100 – Applied General Math</li> <li>MATH 101 – Intermediate Algebra</li> <li>MATH 114 – College Algebra *</li> </ul> </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 • 2023 – 2024

#### 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) ECON 105 – Leadership in the Global Workplace ECON 201 – Principles of Microeconomics I * 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.