

# Auto Body and Paint Technology

## Semester Course Outline • 2024 – 2025

18 Months (4 Semesters) • Revised: 1/17/24

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
ABP 100	Basic Sheet Metal Repair	112	4
ABP 105	Refinish Prep and Masking	56	2
ABP 110	Body Damage Repair	56	2
ABP 115	Safety	28	1
ABP 120	Undercoats and Spray Techniques	84	3
ABP 125	Industry and Vehicle Introduction	28	1
ABP 130	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 – Foundations of Communication * (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
ABP 135	Automotive Painting	84	3
ABP 140	Paint Defects/Causes and Cures	56	2
ABP 145	Final Detailing	56	2
ABP 150	Industrial Painting	84	3
ABP 155	Intro to Collision Estimating	14	.5
ABP 160	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.



**Second Year – Fall Semester**

Course Number	Course Title	Clock Hours	Credits
ABP 200	Auto Body Minor Collision	84	3
ABP 205	Water/Solvent Blending and Tinting	112	4
ABP 210	Auto Body Structural Repair	84	3
ABP 215	Waterborne Painting	112	4
ABP 220	Plastic Repair and Paint	56	2
CSC 102	Windows Applications for Technicians	45	3
<b>Total</b>		<b>493</b>	<b>19</b>

**Second Year – Spring Semester**

Course Number	Course Title	Clock Hours	Credits
ABP 225	Auto Body Major Collision	84	3
ABP 230	Fabrication	28	1
ABP 235	Computerized Estimating	28	1
ABP 240	Body and Paint Production	168	6
ABP 245	Introduction to Tig, Aluminum, and Silicon Bronze Welding	28	1
ABP 250	Air Brushing and Special Effects	28	1
<ul style="list-style-type: none"> <li>● Selected Social Science Course (Choose one)</li> <li style="padding-left: 20px;">ECON 105 – Leadership in the Global Workplace</li> <li style="padding-left: 20px;">ECON 201 – Principles of Microeconomics I *</li> <li style="padding-left: 20px;">SOC 100 – Introduction to Sociology *</li> </ul>		45	3
<b>Total</b>		<b>409</b>	<b>16</b>

**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.