

Technical Standards: Collision Repair and Refinishing Technology

All Students in this program are expected to meet certain essential functions/technical standards which are essential for successful completion of all phases of the program and which reflect industry requirements and standards. To verify the students' ability to perform these essential functions, students may be required to demonstrate the following technical standards:

Standard	Definition of Standard	Example(s) of Technical Standard
CRITICAL THINKING SKILLS	<ul style="list-style-type: none"> Ability to think using analysis, evaluation, problem solving, judgment, and the creative process 	<ul style="list-style-type: none"> Analyze collision damage in order to create repair plan.
MOTOR SKILLS	<ul style="list-style-type: none"> Able to lift objects weighing up to 50 pounds Able to stand or sit for prolonged periods of time Able to perform repetitive physical actions Able to work with hands, being able to feel by touch, finger dexterity 	<ul style="list-style-type: none"> Operating lifts and jacks, use of common hand tools such as sanding blocks, ratchets, wrenches, pneumatic and elective powered hand tools, sanders/grinders, and paint spray equipment. Bending, squatting, reaching. Lifting automotive mechanical/body parts and wheels. Removing and installing mechanical fasteners for bolt on body parts. Weight bearing ability sufficient enough to lift and carry weight up to 50 pounds and work overhead.
TECHNOLOGY SKILLS	<ul style="list-style-type: none"> Able to operate PC basic functions Able to look up online technical service information 	<ul style="list-style-type: none"> Log in and out of Learning Management System. Search vehicle service information such as Snap-on, ShopKey Pro, AllData, and manufacturer-specific information to develop a step-by-step repair procedure.
TACTILE SKILLS	<ul style="list-style-type: none"> Ability to understand information perceived by touch 	<ul style="list-style-type: none"> Determining the coarseness of sand scratches and high/low spots in body contours. Identify safe temperature for repair procedures.
AUDITORY SKILLS	<ul style="list-style-type: none"> Be capable of sufficient hearing 	<ul style="list-style-type: none"> Troubleshooting problems. Hear fire alarms and carbon dioxide detectors. Hear equipment notifications and necessary sounds during operation of equipment.
VISION SKILLS	<ul style="list-style-type: none"> Ability to access printed and electronic documents as well as readings on gauges Ability to operate a motor vehicle safely Ability to see shades of color 	<ul style="list-style-type: none"> See product technical data sheets, service documents, as well as air pressure gauge. Hold a valid driver's license to move vehicles in and out of the shop. Seeing color change while mixing products.
COMMUNICATION SKILLS	<ul style="list-style-type: none"> Ability to follow written and verbal instructions Ability to communicate effectively in writing Ability to professionally interact with vehicle owner and employer Ability to read, write in the English language 	<ul style="list-style-type: none"> Able to follow technical instructions from instructor/employer/online services sources. Able to explain vehicle needs to customer. Using correct verbiage when ordering parts/materials.
INTERPERSONAL SKILLS	<ul style="list-style-type: none"> Ability to work with others in a variety of settings and situations Ability to listen to others and determine their wants and needs 	<ul style="list-style-type: none"> Interact appropriately with individuals from a variety of social, emotional, cultural, and intellectual backgrounds. Accept advice from peers, instructors, and employers. Ability to employ basic conflict management skills.
ENVIRONMENTAL TOLERANCE	<ul style="list-style-type: none"> Ability to get hands and clothes dirty Ability to work in extreme environments 	<ul style="list-style-type: none"> Working on and around vehicles that can be dirty. Able to work in hot and cold environment.
BEHAVIORAL SKILLS	<ul style="list-style-type: none"> Ability to adapt to changing environments and work-related challenges 	<ul style="list-style-type: none"> Ability to exercise sound judgment during repair process.

Standard	Definition of Standard	Example(s) of Technical Standard
		<ul style="list-style-type: none"> • Ability to develop good rapport and interact with customers and peers in a diverse population. • Accept criticism and modify behavior and practices as needed. • Communicate in a mature, professional, accurate and effective manner with faculty, staff, and peers. • Perform duties efficiently, willingly, and thoroughly. • Present professional appearance and maintain personal hygiene.
WORK SKILLS	<ul style="list-style-type: none"> • Ability to participate in a work-based learning experience 	<ul style="list-style-type: none"> • Students will need to travel to a worksite. • Students may be required to pass a drug screening and/or background check. • Students may be required to obtain certain immunizations.