



MOBILE TECHNICAL TRAINING

Mobile Electronic Installation & Vehicle
Customizing Program
Automotive Upholstery Program Auto
Detailing
Vinyl Wrap



460 U.S. Highway 46, South Hackensack, NJ 07606, 1-877-832-4682



MOBILE ELECTRONIC INSTALLATION & VEHICLE CUSTOMIZING PROGRAM 600 HOURS

SEGMENT 1

In this segment students will be introduced to Automotive Technology as it pertains to the mobile electronic industry. They will go over tools required and safety precautions. Students will then cover AC/DC fundamentals and the two essential laws of electricity, such as OHM's Law and Kirchoff's Law. All vehicle circuitry will be analyzed. There will be a test and a quiz. This segment is beneficial for all students even if they have previous experience. We will cover essential information needed for the MECP Exam. *Segment 1: Full Time: 4 days, 30 hours*

SEGMENT 2

In this segment, students will learn about vehicle telematics and how it's applied in the 12-volt industry. As installers, they must be familiar with modern technology and terms. They will learn about internal communication network that interconnects components inside a vehicle. CAN Bus, which is the vehicle standard designed to allow devices to communicate with each other within the vehicle. They will learn how information is sent and received thru fiber optic cables. Class A, B, & C, GM LAN, SAEJ1850, Flex Ray, D2B, IE BUS, MOST protocol, LIN Protocol will be reviewed and analyzed so an installer could understand the technology found in the vehicle before any work is performed. Students will learn to test vehicles for this technology. In addition, students will learn proper assembly and disassembly of the vehicle. They will perform hands on exercises to understand removal of panels, proper use of tools, and safety precautions to take when putting all panels back in the designated areas of the car. *Segment 2: Full Time: 4 days, 30 hours*

SEGMENT 3

In this segment students will cover Audio Product Knowledge to prepare for different audio installation techniques. Students will cover all audio products that can be found in the vehicle and aftermarket integration equipment that is required for audio installation in a car. Students will also cover sound theory to understand how audio products are integrated in the vehicle and improve the quality of sound. In addition, students will review electrical components such as wiring, fuses, battery terminals, RCA, distribution blocks needed to perform installations. *Segment 3: Full Time: 4 days, 30 hours*

SEGMENT 4

In this segment students will cover Mobile Video Product Knowledge to prepare for different mobile video and lighting system installation techniques. Students will cover all mobile video products such as t.v/s in the car, cameras, rearview cameras, dash cameras, sensors, and aftermarket integration equipment that is required for mobile installation in a car. Students will also cover lighting equipment to understand how to install it in the vehicle. In addition, students will review electrical components such as wiring, fuses, battery terminals, RCA cables, distribution blocks needed to perform installations. *Segment 4: Full Time: 2 days, 14 hours*

SEGMENT 5

In this segment students will learn to properly design audio, mobile video systems and perform the installation process in the vehicle. This segment is all hands-on. Students will apply the knowledge gained up to this point and will be required to install audio, mobile video, and lighting system in a car. In addition, extensive troubleshooting topics that the everyday installer encounters will be analyzed. Students will perform different hands on practice to gain experience with the removal of panels, wire routing, equipment installation, and finishing the job. Students will be allowed to use their vehicles for practice. There will be a quiz, test, and hands on grade at the end of this segment. *Segment 5: Full Time: 8 days, 60 hours*

SEGMENT 6

In this segment students will learn the real fundamentals of the vehicle's overall electrical functions. They will be introduced to the automotive security and remote starter industry, learning about products, brands and pricing. Students will continue using vehicle and product schematics to test all wiring. They will review important precaution steps to be taken with the BCM and ECU of a vehicle. They will also cover extensive review of relay functions and applications. Troubleshooting security and remote starter installation and plenty of hands of hands-on experience will be gained at the end of this segment. There will be a quiz, test, hands on evaluation and group work. *Segment 6: Full Time: 13 days, 97 hours –*

SEGMENT 7

In this segment students will review all topics covered up to this point to prepare them for the MECP Exam. Extensive review will be performed. They will then take the MECP Basic Installer Exam. *Segment 7: Full Time: 2 days, 14 hours*

SEGMENT 8

In this segment students will learn to pull out the true harmonious sound of a speaker by using simple geometry to design the key elements of a speaker box (sealed, ported and bandpass boxes). Students will also learn how a simple design can produce a ferocious acoustic impact on almost any vehicle. They will learn to work with woodshop tools such as a table saw, jig saw, panel saw, router, belt sander and drill press. An emphasis on safety and proper tool usage will be placed. Upon completion of this segment, students will build their own speaker box and wrap it with carpet or vinyl. *Segment 8: Full Time: 5 days, 37 hours*

SEGMENT 9

In this segment, students will learn to use materials such as Fiberglass, Resin, Hardener, Bondo, Liquid Acrylic, ABS Plastics, and Plexi-glass. They will learn about illumination techniques, wrapping panels, taking proper measurements in the car to build a custom project. They will be designing and building their own projects. Students will get a chance to really expand their creativity side and unlock the secrets to preparing a show quality vehicle. *Segment 9: Full Time: 5 days, 37 hours –*

SEGMENT 10

Automotive Detailing: In this segment students will learn to detail the exterior and interior of a vehicle, focusing on rims and tires, engine bay, glass, seats, headliners, trunks, and removing odors from the vehicle. They will learn about industry products, pricing, safety regulations, and customer service. They will learn to perform specialty services such as a cigarette burn repair, removal of pet hair, carpet dyeing, trim dyeing, and more. Students will learn to restore headlights and apply ceramic coating on a finished vehicle. They will practice advanced buffing techniques to remove scratches on the exterior of the vehicle.

Segment 10: Full Time: 10 days, 80 hours –

SEGMENT 11

Students will learn to tint automotive windows: This segment will make students more marketable in the automotive aftermarket installation industry. They will learn about different brands of window tint film, pricing, state laws, application of the tint, removal of the tint on flat, curved windows, and headlights. They will be allowed to work on their own vehicles. *Segment 11: Full Time: 5 days, 37 hours*

SEGMENT 12

Vinyl Wrapping: In this segment, students will be taught to wrap a vehicle in different sections. They will start by prepping the vehicle for the wrap, review the styles of wrap, removing panels from the vehicle, and wrapping hoods, door panels, trunks, fenders, mirrors, and bumpers. They will also learn to apply paint protection film. By the end of this segment, students will be able to wrap an entire vehicle with matte, gloss, color change wrap, and use chrome wrap. Students will be allowed to work on their own vehicles.

Segment 12: Full Time: 10 days, 80 hours

SEGMENT 13

Lab Time: In this segment students will gain valuable industry experience by working on installation jobs that are scheduled by the school. Students will install, audio, lighting, mobile video equipment, security, remote starters on customer vehicles. They will benefit from a real-life work scenario by interacting with the customer when they perform a vehicle inspection, test the products, prepare the vehicle for the install, perform the installation service, and return the vehicle to the customer. They will also be allowed to finish working on their vinyl wrap and detailing projects. *Segment 13: Full Time: 4 days, 30 hours –*

SEGMENT 14

Career Services : In this segment students will work with the job placement coordinator to help them prepare for job interviews and the hiring process. Students will be required to attend a job placement workshop, prepare a resume, conduct a job search, and a mock up interview. They will also cover topics on starting their own business and marketing their services. *Segment 14: Full Time: 1,5 days, 100 hours*

SEGMENT 15

Final Testing: In this segment, students will be required to perform a final installation of security and remote starter, perform proper soldering techniques, and an audio/mobile video installation. Students must pass this hands-on exam to receive a certificate of completion from the school. There will be a graduation ceremony on the last day of class.





AUTOMOTIVE UPHOLSTERY PROGRAM 400 HOURS

SEGMENT 1

In this phase, students will be introduced to the field of upholstery. They will be taught safety and precaution methods that should be taken in an upholstery shop. Students will be introduced to the sewing machine for the first time and the proper care that should be taken operating the machine. In addition, they will learn about the different fabrics and materials they will be working with as an upholsterer. Segment 1 is essential for all students who do not have sewing experience and wish to gain skills as an upholsterer.

Full Time: 3 Days, 22 Hours

SEGMENT 2

In this phase, students will enhance their knowledge of upholstery and learn about different sewing and stitching techniques such as roll and pleat, diamond tufting, button making, piping, French Seams, making zippers, and more. They will learn to design a seat, take measurements, remove seats from the vehicle, strip seats apart, pattern making, proper labeling, and begin their first upholstery project.

Full Time: 6 Days, 45 Hours



SEGMENT 3

In this phase, students will cover precautions with airbags, resetting sensors, removing the stock seat cover, and planning their first upholstery project. They will sew their first seat cover and complete the seat. They will also reupholster a head rest and finish by putting the seat back in the vehicle.

Full Time: 5 Days, 37.5 Hours

SEGMENT 4

In this phase, students will expand their knowledge of custom upholstery and learn about working with door panels. They will learn to remove a door panel from the vehicle, design the door panel cover, and sew a custom cover for the door panel. *Full Time: 2 Days, 15 Hours*

SEGMENT 5

They will learn to reupholster additional parts of the Vehicle. They will cover removal and reupholstering of a headliner. Removal and reupholstering visors, removing and reupholstering additional panels in the vehicle, removal and completion of an arm rest and shifter boot. *Full Time: 7 Days, 53 Hours*

SEGMENT 6

In this segment students will work on individual projects to assess their knowledge of upholstery techniques. They will be required to reupholster a final seat for a midpoint grade. They will also review topics on portfolio, business aspects of managing an upholstery shop, delivering customer services, planning and designing of a shop, and how to market themselves in the automotive upholstery industry. *Full Time: 4 Days 30 Hours*

SEGMENT 7

In this segment, students will rebuild a custom seat. They will learn to work with the frame of a seat and to remove rust from the metal frame. They will continue learning about foam types and the many uses for foam in upholstery. They will cover foam specifications to select the foam that is recommended for a project. They will learn to plan and design a project timeline. Students will practice taking measurements design the seat, attach the foam so the seat is ready to be reupholstered. They will be reupholstering a seat from scratch and exposed to racing and bucket seats. *Full Time: 8 days, 60 hours*

SEGMENT 8

In this segment students, will start designing and making a door panel from scratch. They will start by learning to use different woodshop tools such as a table saw, grinders, belt sanders, panel saw, router, and drill press. Once they have become familiar with working in the woodshop, they will start cutting the wood for the advanced projects. They will learn about the materials and tools needed to strip the door panel, customize the design of the door panel, use fiberglass and bondo to change the shape of a door panel, add compartments on the door panel, make the custom cover and attach it to the door panel. The finished piece will resemble the original manufacturing door panel. Students will gain experience making and upholstering compound curves.

Full Time: 5 days, 38 hours

SEGMENT 9

In this segment, students will learn to design a custom center console for the vehicle. They will learn to take measurements inside the vehicle, the many different functionalities of a mid-console, designing a mid-console, use different wood shop tools to build the mid console, wrap the mid-console with a custom sewn cover, and attach the mid-console in the vehicle. The tools needed to remove and install a convertible top. They will be adding cupholders and storage compartments to the mid consoles. *Full Time: 5 days, 38 hours*

SEGMENT 10

In this segment, students will learn about the different types of convertible tops, advantages and disadvantages of certain fabrics, additional components of the convertible top. They will remove and attach a convertible top for hands on practice. They will learn to use canvas material for outdoor upholstery projects.

Full Time: 4 days, 28 hours

SEGMENT 11

In this segment, students will learn about carpeting a vehicle. They will learn to remove the carpet from a vehicle, remove seats, and panels. They will learn about the quality of a vehicle carpet and how to properly insulate a vehicle. They will take measurements of the vehicle and learn to fit and install the carpet. They will also learn to make a custom floor mat. They will work with carpet and plastic ribbing material.

Full Time: 3 days, 22 hours



CONTINUING EDUCATION WINDOW TINTING COURSE

SEGMENT 1

In this segment, students will learn about the benefits of window tinting on a vehicle, the tinting business and competition, the key ingredients to becoming a professional window tinter, as well as product and film specifications. Students will cover tools, and pricing of the film. They will review how long does tinting job last, how much to charge for certain jobs, and state laws that may affect their services. They will review window classification chart and discussing on tinting techniques. *Full Time: 1 days, 8 hours –*

SEGMENT 2

In this segment, students will start cleaning the car prior to the tint application, they will review safety measures to take with tools and avoid damaging the vehicle. They will start tinting their first window and practice on front/rear windows. They will cover trimming the tint, applying the tint, and shrinking techniques. The instructor will demonstrate the techniques and students will follow with hands-on practice.

Full Time: 2 days, 16 hours

SEGMENT 3

In this segment students will work in groups to tint an entire vehicle. They will also cover headlight and rear light tint application and removal. Students may be allowed to work on their own vehicles. They will also cover sales and customer service skills. There will be a final written quiz. *Full Time: 1 day, 8 hours*



CONTINUING EDUCATION VINYL WRAP

SEGMENT 1

Students will be introduced to Vehicle Wrapping and its origins. They will be taught safety precaution methods that should be taken with different wraps, styles, and vehicles. Students will inspect a vehicle prior to performing the service, and the different cleaning solutions to be used in the vehicle. In addition, they will learn to use all tools and become familiar with different wrap distributors. Students will begin prepping the vehicle for the wrap application. They will learn to properly use the squeegees on borders, flat areas, recessed areas, angles, and leading to parts of the vehicle. They will also learn to manage heat and tension with a heat gun, so they avoid over stretching the film. They will practice the techniques on door panels, fender, hood, trunk lid, and roof. *Full Time: 4 days, 32 hours – , 4 Saturday Sessions – 32 hours*



SEGMENT 2

Students will learn to wrap curved surfaces such as a helmets, mirrors, and motorcycle tanks to prepare them for wrapping the bumper. Students will learn about different styling ideas to customize the vehicle's wrap. They will learn to layer different color wraps and create different designs and shapes using knifeless tape. Students will learn proper removal of bumpers and start wrapping a bumper. They will observe the instructor and continue to wrap a bumper with a partner. *Full Time: 2 days, 16 hours – 2 Saturday Sessions – 16 hours*

SEGMENT 3

Students will wrap a complete vehicle as a group consisting of doors, hoods, roofs, mirrors, fenders, bumpers and trunks. They will also practice sealing the wrap. They will remove adhesive from a finished wrap. They will practice embossed logos and finish prepping the vehicle after the wrap is completed. *Full Time: 3 days, 24 hours – 3 Saturday Sessions – 24 hours*

SEGMENT 4

Students will learn to apply Paint Protection Film on a vehicle. They will also be exposed to chrome wrap and learn about the characteristics of chrome wrap. They will finish by covering pricing and estimating job quotes depending on the quality of materials being used, type of vehicles, and duration of jobs. There will be a final hands-on and written test. *Full Time: 1 day, 8 hours – 1 Saturday Session – 8 hours*



CONTINUING EDUCATION AUTOMOTIVE DETAILING

SEGMENT 1

Auto Detailing is introduced to students and its benefits to both customers and detailing professionals.

Students will be taught safety precaution methods that should be taken with tools and equipment, chemicals and vehicles. Students will also learn how to read material safety data sheets and inspect a vehicle prior to performing the service. Detailing the exterior of the vehicle will be the primary focus of segment 1, as well as correcting minor to moderate paint imperfections. In addition, they will learn how and when to use all tools, compounds and become familiar with different distributors. By the end of segment 1, students will be able to safely and effectively wash and detail the entire exterior of a vehicle, correct paint imperfections and remove scratches as demonstrated through hands-on assessment. *Full Time: 2 days, 16 hours*

SEGMENT 2

Students will become familiar with the services offered by detailers for vehicle interiors. Students will learn when and how to use tools and chemicals on the interior of the vehicle. Students will learn to safely use steam and extremely hot water as part of interior detailing. Students will learn an efficient and thorough procedure to detailing the interior of a vehicle and ways to adapt to their needs. By the end of segment 2, students will be able to safely and effectively detail the entire interior of a vehicle as demonstrated through hands-on assessment. *Full Time: 1 day, 8 hours*

SEGMENT 3

Students will become familiar with services that are not typically considered a part of a “full auto detailing.” These are services that a customer may select as additional services once the vehicle has been detailed or for those who have urgent need to repair a ripped seat, damaged carpet, or cigarette burns. Students will learn how to repair tears, punctures and holes in leather, cloth and vinyl as well as burns in carpet and upholstery. Segment 3 also covers restoring color to carpet and moldings by dyeing. Students will practice all techniques in class. *Full Time: 2 days, 16 hours*

SEGMENT 4

Students will perform full auto detailing services and learn the business of Auto Detailing. Students will practice all procedures in preparation for the final Hands-on assessment. They will work in teams and given a timeframe to perform a full detail, including headlight restoration. Students will learn how and when to quote prices and assess the length of a job, tips on how to sell detailing services, and marketing strategies. Segment 4 will also include a final written assessment on all material covered throughout the course.

Full Time: 3 days, 24 hours

SEGMENT 5

Students will be exposed to advanced topics in Auto Detailing. Students will learn to repair deep scratches that require touch-up paint as well as using a rotary buffer for Extreme Paint Correction. Ceramic Coating application, polishing chrome and glass will also be covered. All topics covered in segment 5 will be demonstrated by the instructor followed by hands-on practice by the students. *Full Time: 2 days, 16 hours*



CONTINUING ED MOBILE ELECTRONIC INSTALLATION

SEGMENT 1

In this introductory segment, "Installation 101", you will learn the fundamentals in Mobile Electronics, Industry Math, Industry Terminology and Shop Safety. All segments are cumulative and will require students to take accurate notes. Lessons will include lecture, videos, classroom lab exercises and work in the installation bay. Students with weak math skills, limited knowledge in industry terminology or limited or no skills with a Multimeter will benefit from this segment. *Part Time: 5 Saturday Sessions, 40 hours*

SEGMENT 2

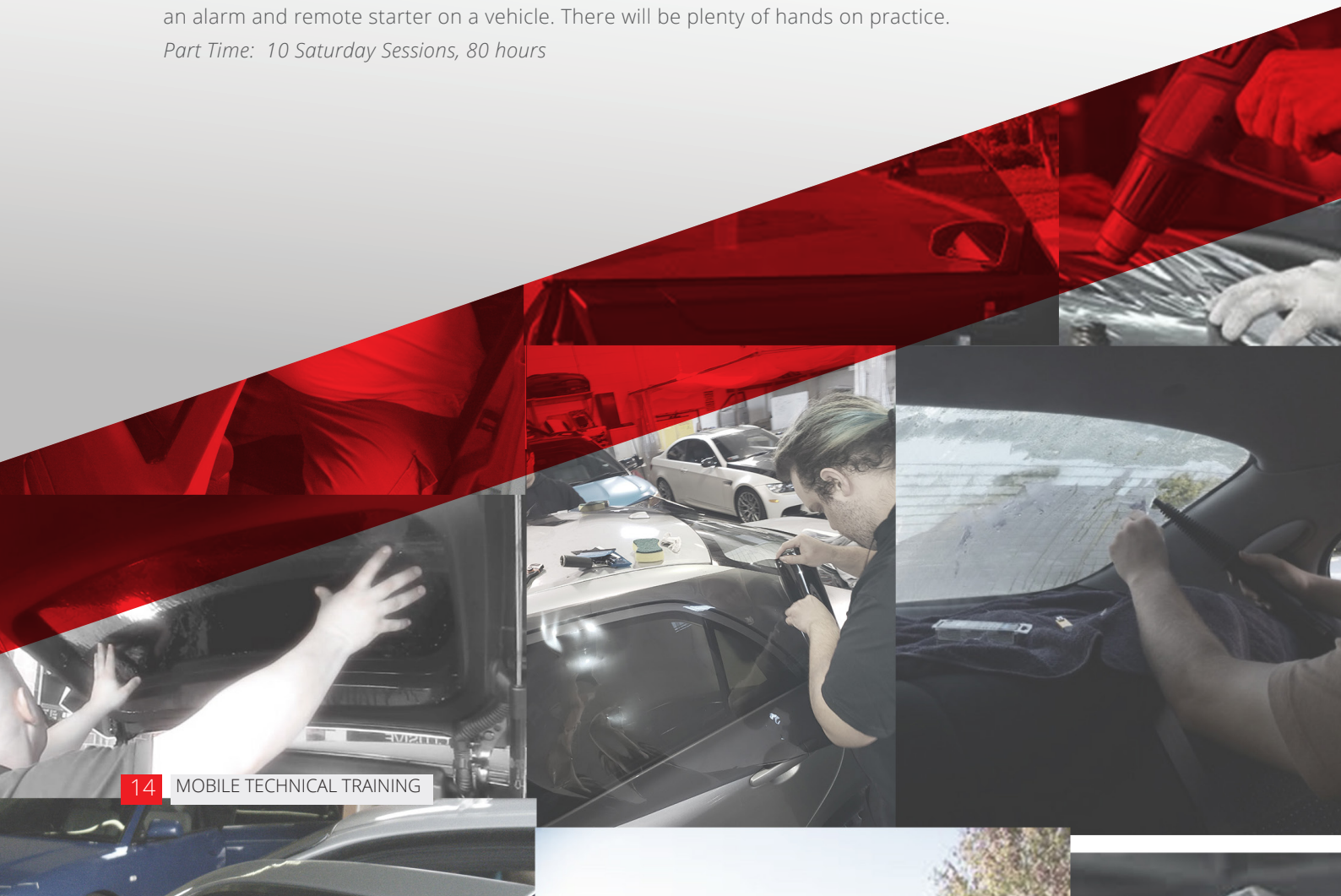
This segment will cover all audio, mobile video and navigation system topics. They will learn about in vehicle information and the safety precautions that should be taken with modern vehicles. They will understand two-way communication in the vehicle. Students will also learn about sound theory and designing a sound system for the vehicle. This will require knowledge of OEM topics in the aftermarket 12-volt installation industry. They will perform actual installations on school cars. Students will also be allowed to use their own cars.

Part Time: 5 Saturday Sessions, 40 hours

SEGMENT 3

This segment is essential to become a certified 12-volt installer. Students will be introduced to the automotive security system, installation tips, OEM anti-theft systems, and vehicle circuits. They will cover remote starters, OEM security interface & By-pass modules for remote starters. They will cover security and remote starter troubleshooting topics and learn about relay applications in the automotive security field. Students will install an alarm and remote starter on a vehicle. There will be plenty of hands on practice.

Part Time: 10 Saturday Sessions, 80 hours



STUDENT SERVICES, FINANCIAL AID INFO, ACCREDITATION INFO

STUDENT SERVICES

The delivery of student services is an important matter to the administration of the school. The student services offered focus on student achievement and in establishing a learning environment where students can be motivated to learn. We are determined to have the appropriate staff, faculty, technology, and facilities to deliver these services. Students can benefit from the following services:

Tutoring Services: Students who need individual tutoring services can make the necessary arrangements with their instructor. Tutoring is provided after class hours or with other class sessions.

Academic Advising: Students will receive progress reports during their enrollment. The progress reports will be completed by the student's instructor and reviewed privately with each student. The progress reports will provide students with recommendations on areas in need of improvement and areas where the student is excelling in class.

Attendance Monitoring: All students must sign in with the front desk prior to entering the classroom. Attendance is also taken by instructors daily.

Industry Testing: Students can take the MECP (Basic, Advanced, Product Specialist, and Master) Certification at the school. The test will be taken at a school computer and must be supervised by an instructor or director.

Refresher Segments: Graduates are given the opportunity to take certain refresher segments free of charge upon successful completion of their course.

Housing: This service is offered to students who need housing while they attend a full-time program. Students can reserve school housing in a furnished apartment and share it with another student.

Orientation: Students may attend an orientation prior to starting a class to familiarize themselves with the school and class policies.

Job Placement: Students who qualify may benefit from Job Placement Assistance. The school encourages all students to maintain satisfactory attendance, conduct, and academic progress so they may be viewed favorably by prospective employers.

Resume & Interviewing Workshops: This service helps students who need help putting together a resume and preparing for a job interview. Students will be interviewed by the job placement coordinator and exposed to different interviewing scenarios. Students will be provided with an evaluation of the job interview to discuss areas of improvement and success.

Payment Plans: As part of our commitment to help students, we have different payment plan options to assist those in need of financial assistance. Please contact a school representative to discuss pre-payments, i

STUDENT SERVICES, FINANCIAL AID INFO, ACCREDITATION INFO

In-house payments, or extended payment plan that may be available to you.

Federal Financial Aid Information

We are committed to making education accessible and affordable to our students. All applications are scheduled for a personal meeting with the school financial aid coordinator to plan their educational expenses and when eligible, to apply for Federal Financial Aid if needed. Students enrolled in the 400-Hour Automotive Upholstery or 600-Hour Mobile Electronic Installation & Vehicle Customizing Program may apply by submitting a FAFSA Application on <https://studentaid.ed.gov/sa/fafsa>. They will discuss their eligibility with the school's financial aid coordinator. The school federal code is 042578

Accreditation Information

Mobile Technical Training is an accredited institution by ACCSC, Accrediting Commission of Career Schools and Colleges. The following programs and courses are within the scope of the school's accreditation by ACCSC: Mobile Electronic Installation & Vehicle Customizing Program (600Hours), Automotive Upholstery Program (400 Hours), Vinyl Wrapping Course (80 Hours).

ACCSC is a recognized accrediting agency by the U.S. Department of Education. With this accreditation, we have joined a partnership with other educators who are committed to providing programs of quality and to conducting their affairs with integrity. By attending an ACCSC accredited institution, you should have confidence in knowing that you are attending a school that has undergone a rigorous accreditation process that has evaluated the education quality in the programs offered at our school.

The accreditation process evaluates areas such as:

- The qualifications of instructors and staff
- The relevance of the curriculum
- The delivering of instruction
- Equipment and learning materials
- The school's graduation and employment rates
- In addition, you can count on instructional resources and student support services necessary to assist you in achieving your educational goals.

