



Saint-Gobain Abrasives Inc. Automotive
Aftermarket

Training Course Catalog

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Presented by:
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Training Course Catalog

Automotive Refinishing Training (All 12 Modules as indicated in Timeline - 4 hours)

Sanding (Modules one through seven in Outline_Timeline_Template.xls – 1/4 hour)

Upon successful completion of this course, trainees will be able to identify the various types of sanding from Dual Action Orbital types to hand sanding with blocks and paper. They will also know the different types of abrasive grains and which are best for certain applications along with which ones are the most productive in terms of material removal and process times depending on the material being ground or sanded directly.

Scuffing (Module 5 in the Outline_Timeline_Template.xls – ¼ hour)

Upon successful completion of this course, trainees will be able to identify the different types of scuff pads and their proper usages. They will also learn the benefit of scuff gels which used properly to aid in cleaning and abrading certain automotive surfaces for painting, blending and etc. They will also learn about surface conditioning discs and stripping materials depending on the application or auto body shop process desired.

Cutting (Module 7 in the Outline-Timeline_Template.xls - ¼ hour)

Upon successful completion of this course, trainees will be able to identify the size differences and usages of various cutting methods. They will also be able to know why certain sizes are the most productive in terms of stock removal and removal rates.

Adhesives Applications and Sealers (Modules eight and twelve in Timeline - 1 hour)

Upon successful completion of this course, trainees will be able to identify the various types of plastics and other repair materials such as TPO, SMC and etc. They will also know the differences between urethane and epoxy repair materials along with the various types of seam sealers. They will be able to repair all of the material types properly and according to industry standards such as I-CAR and ASE.

Paint System Applications (Modules nine, ten and eleven in Timeline – 1 hour)

Upon successful completion of this course, trainees will be able to identify the various types of paint preparation systems which includes their assembly, application, usage and storage. They will also be able to identify surface defects such as runs, sags, poor coverage and orange peel with the ability to correct all of them.

Masking (Module 10 in Outline_Timeline_Template.xls – ¼ hour)

Upon successful completion of this course, trainees will be able to mask vehicles properly and identify areas on vehicles where certain types of masking products can be used. For example they will know where to use sheeting, masking paper, masking tape, fine line tape and other protective plastic materials. They will also know the difference between masking products treated for painting, overspray and waterborne products.

Buffing (Module 11 in Outline_Timeline_Template.xls – ¼ hour)

Upon successful completion of this course, trainees will be able to dry sand and wet sand all types of various paint manufacturer's clear coats along with buffing them with wool and foam buffing pads. They will be able to identify a good gloss finish at the correct machine speeds with the ability to tell if the buffing scratches are gone or just filled.

Adhesives and Sealers Applications (Module 12 in Timeline – ¼ hour)

Upon successful completion of this course, trainees will be able to apply Undercoating, Rocker Panel Textures, Weld-Thru Primer, Emblem and Trim Applications Techniques such as Spray Trim Adhesive or Double Sided Acrylic Tape which includes their adhesion promoter methods.

Body Panel Refinishing Training (Modules one through seven in timeline – 1 Hour)

4 Total Automotive Refinishing Courses:

- 1 Body Panel Refinishing Training – 1 Hour
- 1 Paint Refinishing Training – 1 Hour
- 1 Adhesives Refinishing Training – 1 hour
- 1 Automotive Refinishing Training – 4 Hours

Best Practices For Body Shop Repair (All 8 Modules indicated in Timeline - 4 hour)

Upon successful completion of this complete course, trainees will be able to handle of the objectives listed below for each respective module as indicated below:

Collision Repair Center Basics (Module 1 Outline_Timeline_Template.xls - 1/2 hour)

Upon successful completion of this module, trainees will be able to identify the various types of sanding from Dual Action Orbital types to hand sanding with blocks and paper. They will also know how to properly clean the vehicle, review the repair order, protect the interior and acclimate the vehicle as per the Best Practice Poster.

Body Preparation (Module 2 in the Outline_Timeline_Template.xls – 1/2 hour)

Upon successful completion of this module, trainees will be able clean the repair area, grind the repair area, prep for filler, apply body filler, block body filler, sand body filler, feather edge and apply putter or glaze if necessary as per the Best Practice poster.

Plastic Repair and Panel Bond (Modules 1, 3, 4 & 5 in Outline – Template – 2 Hours)

Plastic Repair Structural (Module 3 in the Outline-Timeline_Template.xls – 1/2 hour)

Upon successful completion of this module, trainees will be able to identify the various types of plastics and other repair materials such as TPO, PPO and etc. They will also know the differences between urethane and epoxy repair materials along with the various types of seam sealers. They will be able to repair all of the material types properly and according to industry standards such as I-CAR and ASE.

Plastic Repair Cosmetic (Module 4 in Timeline – 1/2 hour)

Upon successful completion of this module, trainees will be able to identify the type of repair, feather edge the repair area, mix the repair material, apply the repair material and sand the cured repair material as per the Best Poster poster.

Panel Bonding (Modules 5 in Timeline – 1/2 hour)

Upon successful completion of this module, trainees will be able to identify the various types of panel bonds such as Door Skin removal and repair along with Quarter Panel removal and repair plus Roof Skin removal and repair.

Paint Cup System Applications (Modules 6 in Timeline – 1/2 hour)

Upon successful completion of this course, trainees will be able to identify the various types of paint preparation systems which includes their assembly, application, usage and storage. They will also be able to identify surface defects such as runs, sags, poor coverage and orange peel with the ability to correct all of them.

Masking (Module 7 in Outline_Timeline_Template.xls – 1/2 hour)

Upon successful completion of this course, trainees will be able to mask vehicles properly and identify areas on vehicles where certain types of masking products can be used. For example they will know where to use sheeting, masking paper, masking tape, fine line tape and other protective plastic materials. They will also know the difference between masking products treated for painting, overspray and waterborne products.

Buffing (Module 8 in Outline_Timeline_Template.xls – 1/2 hour)

Upon successful completion of this module, trainees will be able to dry sand and wet sand all types of various paint manufacturers' clear coats along with buffing them with wool and foam buffing pads. They will be able to identify a good gloss finish at the correct machine speeds with the ability to tell if the buffing scratches are gone or just filled.

Paint Shop Best Practices (Modules 2, 6, 7, & 8 in Outline_Template – 2 Hours)

3 Total Best Practices Courses:

- 1 Plastic Repair and Panel Bond – 2 Hours
- 1 Paint Shop Best Practices – 2 Hour
- 1 Best Practices For Body Shop Repair – 4 hours

Should you have any questions about these courses or modules please feel free to contact Craig Chaffee, Manager of Training, Saint-Gobain Abrasives, Inc., Automotive Aftermarket at (508) 795-2774 or Craig.J.Chaffee@Saint-Gobain.com.

Thank you,

