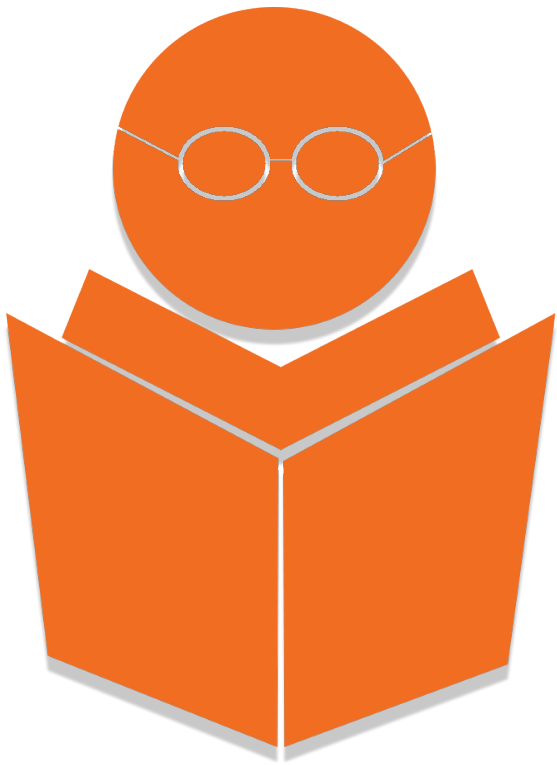




# LEARNING & DEVELOPMENT CENTER COURSE CATALOG

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# Welcome To **Our** **First Learning &** **Development** **Center**



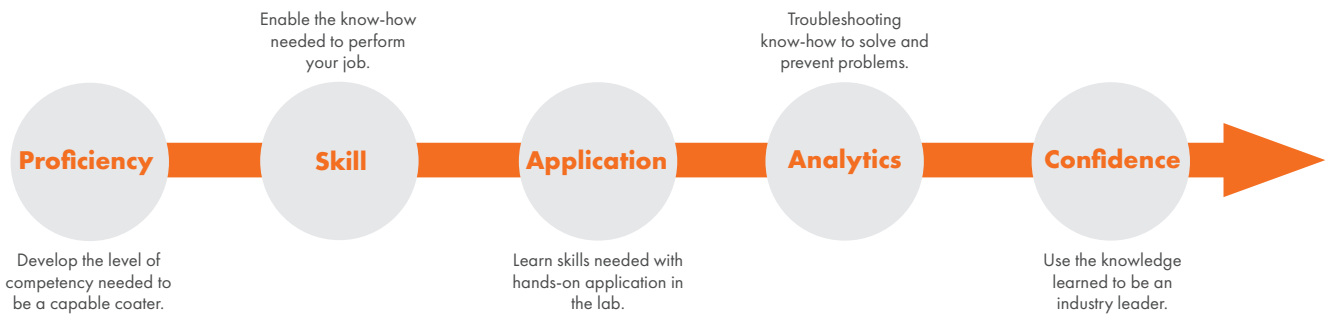
- ✔ 18,000 sq. ft. facility with state-of-the-art technology and equipment to provide hands-on training.
- ✔ Classroom and firsthand application learning
- ✔ Courses led by technical experts with more than 250 years combined experience
- ✔ State-of-the art powder coating technology including Nordson Colormax II spray booth and Gema batch booth
- ✔ Classes available in English and Spanish

**We look  
forward to  
seeing you here.**

# Axalta Powder Learning & Development Center

The best products and tools require proper skill, knowledge and training, and Axalta is committed to helping the industry learn how to bring the best out of powder coatings and resources.

Our Learning & Development Center in Houston, TX provides instructional training on an array of topics offered to the most junior level coater all the way to the more skilled senior coaters. This facility educates on a wide array of powder coating topics.



## Need a course at a specific time?

We offer customized scheduling options to better suite you and your business's needs.

**To learn more or register for Learning and Development Courses, visit:**

[axalta.us/powder/trainingcenter](http://axalta.us/powder/trainingcenter)



## Application

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Proper maintenance and spray techniques are essential to ensuring efficiency and effectiveness in any powder coating process. This hands-on Application course is designed to teach proper spray habits, as well as an understanding of application equipment to produce better efficiency and lower quality issues for your business.

### Topics covered:

- » Powder Application Process
- » Powder Fluidization
- » Venturi Pump
- » Electrostatic Spray
- » Gun Application & Maintenance
- » Gun Motion & Reciprocators
- » Transfer Efficiency
- » Application Tips & Techniques
- » Maintenance
- » Re-coat & Rework
- » Multi-Coat Systems

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary



## A Financial Understanding of Powder

**Duration:** 1 Day Course  
**Cost:** \$200

### Course Description:

This management level course provides instruction on how to make the best decisions in powder coating purchasing and how to differentiate between powder coatings to best impact your bottom line. This course will help you to understand the impact on your business from all angles; financial, employee contribution, quality, and growth.

**Bonus:** You will be provided with an applied cost applicator to take with you at the end of the course.

### Topics covered:

- » Applied Cost and Value
- » Opacity and its Impact on Cost
- » Case Study Review
- » Understanding Financial Impact
- » Understand Real Savings

*A compliment to our Powder Selection course, these courses are paired together in the event you'd like to take both.*

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary

**To register for classes, [axalta.us/powder/trainingcenter](http://axalta.us/powder/trainingcenter)**



## Booth & Recovery Systems

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Understanding the equipment you work with can make or break your success. Booth & Recovery Systems is designed to develop your knowledge about booth & recovery systems, the types, and operation. You will leave this class with a working knowledge taught using classroom and hands on application work.

### Topics covered:

- » Powder Booth Systems
- » Types of Recovery Systems
- » Booth Construction
- » Booth Containment Air Flow
- » Hopper and Feeder Systems
- » Importance of Transfer Efficiency
- » Spray to Waste or Reclaim
- » Factors to Reduce Color Change Time
- » Operating Environments
- » Maintenance
- » Peak Performance
- » Cartridge Filters
- » Safety

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary



## Fusion Bonded Epoxies

**Duration:** 1 Day Course  
**Cost:** \$200

### Course Description:

This course is designed to provide a comprehensive look at fusion bonded epoxies. Attendees will come to understand the corrosion/barrier protection they offer, their cathodic protection, along with their applications and effective application procedures.

### Topics covered:

- » The Most Effective and Economical Corrosion Prevention System
- » Types of Pipe Coatings
- » Formulation Variables
- » Process Operations
- » Application Process
- » Testing & Ratings
- » Repairs
- » Types of Nap-Gard Coatings
- » Internal Pipe Coatings

### Rebar

- » Application
- » Process
- » Types of Coatings

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary

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## Powder Selection

**Duration:** 1 Day Course  
**Cost:** \$200

### Course Description:

In this course, learn all about the powder selection process and take an in-depth look at the chemistries, benefits and types of powder coatings. From selecting the correct coatings, to powder storage and handling, you will become a master at the powder selection process.

### Topics covered:

- » What is Powder Coating?
- » Benefits
- » Major Divisions of Powder Coating
- » Thermosetting Chemistries
- » Axalta's Products
- » Architectural Coatings
- » Selecting the Correct Coatings
- » Powder Storage and Handling

*This course is a compliment to A Financial Understanding of Powder. For your convenience these courses are paired together in the event you'd like to take both.*

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

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## Powder Manufacturing

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Our Powder Manufacturing course takes you behind the scenes of the powder coating manufacturing process. Participants will understand the overall formulation and process of creating powder from formulation to pre-mixing, to sieving and packaging.

**Bonus:** This course will take a tour of the manufacturing facility to better explain the process.

### Topics covered:

- » Formulation
- » Pre-Mix
- » Extrusion
- » Brittle or Chip
- » Grind or Micronize
- » Sieve
- » Packaging

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

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- » Long pants
- » Safety gear when necessary

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## Pretreatment

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

This Pretreatment course will cover the importance of the pretreatment process, and how and why it is beneficial to your projects. Pretreatment is one of the most important steps to the success of your projects and our instructors will educate you on basic troubleshooting, cleaning methods and consideration, and appropriate safety measures.

### Topics covered:

- » Overall Pretreatment
- » Corrosion
- » Cleaning Methods & Considerations
- » Conversion Coating
- » Next Generation Advancements
- » Basic Troubleshooting
- » Tests
- » Safety
- » Preventative Maintenance

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary



## Preventative Maintenance

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Our Preventive Maintenance program is designed to ensure that your equipment is inspected and adjusted on a regular basis to extend the reliable operating life of the equipment. This course is designed to teach you methods to prevent unnecessary equipment failures, ensure proper operation, and minimize your repair and operating costs.

### Topics covered:

- » Types of Equipment Maintenance
- » How Often to Perform Maintenance
- » Parts Maintenance
- » Powder Recovery Equipment
- » Compressed Air System
- » Application Room Conditions
- » Powder Booth

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

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- » Safety gear when necessary

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## Troubleshooting

**Duration:** 1 Day Course  
**Cost:** \$200

### Course Description:

Our Troubleshooting course is created to provide students with the knowledge and hands-on skills needed to properly determine, assess and respond to common troubleshooting issues. Learn the best ways to prevent pretreatment issues and surface defects as well as many other troubleshooting techniques that will save you valuable time and effort.

### Topics covered:

- » Common Factors that Affect Film Thickness
- » Cure
- » Adhesion Issues
- » Contamination
- » Common Pretreatment Issues
- » Common Surface Defects
- » Common Grounding Issues
- » General Troubleshooting- Checks, Patterns, Tests & Experiments

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

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## Safety

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Safety is the cornerstone of any organization. Our Safety course is designed to help your organization operate safely and reduce incidents.

### Topics covered:

- » Powder Coating Safety
- » Risk Analysis
- » Combustible Dust
- » Proper Ground
- » Handling of Powder Coatings
- » Common Surface Defects
- » Finishing Safety

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

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## The Basics of Powder

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Take a glossary look at the basics of powder coating. This course is designed to provide a basic understanding of what powder coating is, from powder selection to troubleshooting, you will leave with a working knowledge of information and hands-on experience.

### Topics covered:

- » Powder Application
- » Booth & Recovery Systems
- » Powder Manufacturing
- » Powder Selection
- » Pretreatment
- » Preventative Maintenance
- » Troubleshooting

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

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- » Safety gear when necessary



## Advanced Powder

**Duration:** 2 Day Course  
**Cost:** \$400

### Course Description:

Take an in depth look at powder coating. This course is designed to give an overview of powder coating, and is geared towards the advancement of your skills as an effective coater with hands-on equipment trouble shooting.

This course is for the more experienced coater.

### Topics covered:

- » Powder Application
- » Booth & Recovery Systems
- » Powder Manufacturing
- » Powder Selection
- » Pretreatment
- » Preventative Maintenance
- » Troubleshooting

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary

To register for classes, [axalta.us/powder/trainingcenter](http://axalta.us/powder/trainingcenter)



## Certified Applicator

**Duration:** 2.5 Day Course  
**Cost:** \$500

### Course Description:

Expand your skills and credibility with Axalta's Certification Program. This program provides a path to develop skill sets from industry standard to expert through classroom and hands on lab training.

Our certified Applicator course combines five courses offered at the powder coating Learning & Development Center including Booth & Recovery Systems, Preventative Maintenance, Application, Troubleshooting, and Safety. Once completed, the student is awarded with an Axalta Certified Applicator certification.

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary



## Open Lab Day

**Duration:** Open  
**Cost:** \$200 per day

### Course Description:

Open Lab Day allows the student to get individualized help in this open forum. Bring your own parts to troubleshoot issues under the guidance of our experienced trainers. Practice spraying, or get powder coating questions answered by the Technology Instructors.

#### Included with course:

- » Course material
- » Safety equipment
- » Lunch and refreshments

#### Dress:

- » Closed toe shoes
- » Long pants
- » Safety gear when necessary

To register for classes, [axalta.us/powder/trainingcenter](https://axalta.us/powder/trainingcenter)



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