APPLIED INDUSTRIAL TECHNOLOGY (PAINTING), ASSOCIATE OF APPLIED SCIENCE

Students must be currently working in a registered apprenticeship program in conjunction with the U.S. Department of Labor, Bureau of Apprenticeship and Training. The apprenticeship program prepares the student to work as a journey-level Painter, as well as earn an Associate of Applied Science degree in Applied Industrial Technology. A four-year apprenticeship emphasizes the skill set required to be a highly skilled craftsman. Painters prepare surfaces of buildings and other structures and then apply paint and other compounds by means of brushes, rollers and sprayers. Painters apply a variety of substances including varnish, lacquers and enamels to interior surfaces and exterior structures. They may also work with wallpaper, vinyl and other materials, as well as mix paints, sandblast and waterblast.

Program contact: Learn more

This degree program contains one or more embedded certificates which will be automatically awarded when the certificate requirements are completed. If you do not want to receive the embedded certificate(s), please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Learn more about how certificate credits apply to the related degree.

Program Admission Requirements

- Participant must be working in an apprenticeship in conjunction with the U.S. Department of Labor, Bureau of Apprenticeship and Training
- High School Diploma/GED
- Appropriate score on English Placement Test: eligibility at or above ENG-1001 Intensive College Reading & Writing
- MATH-0955 Beginning Algebra or appropriate score on Math Placement Test
- Aptitude Test – contact program coordinator for information
- Intent-to-hire agreement with participating contractor

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

a. Apply basic math concepts to accurately determine material and labor needs for a specific task.

b. Apply fundamentals of workplace health and safety related to the construction site commensurate with state, federal, local, contractors and customer's standards and policies.

c. Identify and resolve unexpected issues that impede successful and timely completion of a specified task.

d. Demonstrate effective listening, verbal, written, and conflict management skills to communicate accurately and respectfully with co-workers and customers.

e. Apply finishing trade skills, techniques, and philosophies to complete the assigned task in an efficient, timely and professional manner.

f. Perform professional craftsmen skills to properly apply a variety of paints, wall coverings, stains and faux finishes required to complete a job in an efficient and aesthetic manner.

g. Use appropriate personal protective equipment and fall protection to ensure a safe work environment.

Suggested Semester Sequence

First Semester		Credit Hours
ATPT-1300	Introduction to Painting, Drywall Finishing, and Glazing	2
ATPT-1320	Safety Standards for Construction (OSHA-10)	3
ATPT-1330	Filling Compounds and Procedures	2
ATPT-1340	Wall Preparation and Repair	2
Any Approved Ohio Transfer 36 Mathematics course [1]		3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-1xxx	CNST Elective	
ACCT-1011	Business Math Applications	
	Credit Hours	**18**
Second Semester		
ATPT-1620	Wood Finishing	2
ATPT-1630	Color Mixing and Matching	2
ATPT-1640	Rigging & Hoisting	2
ATPT-1650	Blueprints I: Construction Fundamentals	2
ATPT-1660	Labor in American Society	2
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-xxxx	CNST Elective	
Select one of the following:		3
IT-1090	Computer Applications	
IT-109H	Honors Computer Applications	
	Credit Hours	**16**
Third Semester		
ATPT-2320	Safe Work Practices	3
ATPT-2330	Spray & Industrial Painting	2
Arts & Humanities requirement		3
Select one of the following:		2
ATGL-2400	Advanced Rigging & Hoisting	
ATPT-2370	Abrasives Blasting Techniques [2]	

ATPT-2380	Special Coating and Decorative Finishes	
Select one of the following:		2-3
FIN-1061	Personal Finance	
BADM-xxxx	Business Elective	
CNST-1290	Construction Print Reading	
	Credit Hours	**12-13**
Fourth Semester		
ATPT-2340	Bluepints II: Advanced Reading and Estimating	2
ATPT-2350	Advanced Spray and Industrial Painting	2
ATPT-2360	Foreman Training	2
AIT-2990	Contracting in a Diverse World	3
Communication requirement		3
Social & Beh Sciences /Natural and Physical Sciences requirement		3
Select one of the following:		3
BADM-xxxx	Business Elective	
CNST-2131	Construction Methods and Materials	
	Credit Hours	**18**
	Total Credit Hours	**64-65**

[1] MATH-1100 Mathematical Explorations or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet Mathematics requirement.

[2] ATPT-2370 Abrasives Blasting Techniques and ATPT-2380 Special Coating and Decorative Finishes may each be used only once.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.