

## DEGREE PROGRAMS

### Associate of Applied Science Degree: CONSTRUCTION TECHNOLOGIES

The Associate of Applied Science Degree in Construction Technologies is designed to incorporate general education courses that provide increased skill development, a fundamental knowledge base and a broader understanding in the areas of humanities, social science, math, and natural science as a part of a well-rounded addition to the technical instruction. The program is designed to be completed in as little as 3 years with the additional OTJ training requirements. At least one general education course will be offered each semester.

Classroom instruction, lab exercises, practical hands on learning experience, and on the job training experience are incorporated and included in the learning process. Safety is emphasized throughout each phase.

Our Associate Degree has 5 different concentrations available to our apprentices – Glazier, Coating Application Specialist, Drywall Finisher, Glassworker and Painter. Each concentration represents a finishing trade and they share a core curriculum.

#### **Core Curriculum Required for All Areas of Concentration**

Course Number	Course Name	Instructional Hours	Credits
<b>HUMANITIES</b>			
<b>ENG101</b>	<b>Effective Writing</b>	<b>45</b>	<b>3</b>
<b>COM111</b>	<b>Effective Communication</b>	<b>45</b>	<b>3</b>
<b>SOCIAL SCIENCE</b>			
<b>POL115</b>	<b>Politics and the Community</b>	<b>60</b>	<b>3</b>
<b>MATH</b>			
<b>MAT199</b>	<b>General Math</b>	<b>30</b>	<b>2</b>
<b>NATURAL SCIENCE</b>			
<b>ENV115</b>	<b>Environmental Science</b>	<b>45</b>	<b>3</b>
<b>IT101</b>	<b>Intro to Computers</b>	<b>45</b>	<b>3</b>
<b>INTERNSHIP</b>			
<b>CON120</b>	<b>Internship 1</b>	<b>2000</b>	<b>5</b>
<b>CON130</b>	<b>Internship 2</b>	<b>2000</b>	<b>5</b>
<b>CON140</b>	<b>Internship 3</b>	<b>2000</b>	<b>5</b>
<b>TOTAL CORE</b>		<b>6270</b>	<b>32</b>

## *Area of Concentration: Commercial Painter*

Painters apply decorative and protective finishes in residential, commercial, institutional and industrial settings. They prepare a variety of surfaces (wood, masonry, drywall, plaster, concrete, synthetics, stucco and metal) prior to the application of materials such as paint, high performance coatings, waterproofing, fireproofing, varnish, shellac, wall coverings and special decorative finishes.

Painters can be employed by construction companies, painting contractors, or building maintenance contractors. They work on projects such as home interiors and exteriors, residential high rises, wall covering work, industrial tanks and plants, bridges, airports, institutions, marine and offshore projects, and other commercial and industrial projects.

Painters must have an eye for detail, the ability to plan work, and knowledge of many types of finishes, their properties and their applications. They must be able to calculate areas and relate such calculations to required material. Good communication and customer service skills are required by Painters who often interact with home/business owners, contractors, interior designers and architects.

<b>Course Number</b>	<b>Course Name</b>	<b>Instructional Hours</b>	<b>Credits</b>
<b>SFT110</b>	<b>Safety in the Trades</b>	<b>60</b>	<b>4</b>
<b>CON100</b>	<b>Intro to the trades</b>	<b>30</b>	<b>2</b>
<b>PNT100</b>	<b>Intro to Painting and Decorating</b>	<b>35</b>	<b>3</b>
<b>PNT110</b>	<b>Surface Preparation</b>	<b>40</b>	<b>3</b>
<b>PNT120</b>	<b>Brush and Roller Applications I</b>	<b>45</b>	<b>3</b>
<b>PN121</b>	<b>Spray Painting I</b>	<b>45</b>	<b>3</b>
<b>PNT133</b>	<b>Introduction to Wall Coverings</b>	<b>60</b>	<b>4</b>
<b>PNT290</b>	<b>Special Topics in Commercial Painting</b>	<b>45</b>	<b>3</b>
<b>PNT291</b>	<b>Special Decorative Finishes</b>	<b>45</b>	<b>3</b>
<b>TOTAL</b>		<b>405</b>	<b>28</b>