

Registered Apprenticeship Programs

The request:

- Support job creation for the glass and glazing industry through the Apprenticeship Building America (ABA) Grant Program

The issue:

The glass and glazing industry cites the skilled labor shortage as one of its greatest challenges, with 68 percent of the country's top contract glazing companies reporting glaziers and field personnel as the most difficult positions to fill.



While quality glazier apprenticeship programs are available through the International Union of Painters and Allied Trades (IUPAT), until

recently, apprenticeship programs for non-union shops were limited. Recognizing the need to make Registered Apprenticeship Programs (RAP) available to all glass and glazing companies, the National Glass Association created the NGA Glazier Apprentice Curriculum.

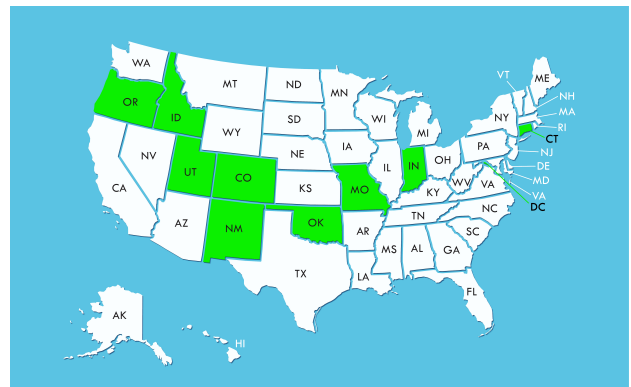
The NGA curriculum offers 430+ hours of learning to meet the classroom requirement of most three-year apprenticeship programs. It is available to organizations that want to establish a Registered Apprenticeship Program for glaziers, approved by the U.S. Department of Labor. Students who complete the curriculum earn a credential from the NGA and National Center for Construction Education & Research (NCCER) indicating a journeyman-level minimum competency reached through knowledge and performance.

The strategy:

NGA has partnered with the National Center for Construction Education & Research, the Associated Builders & Contractors, the Associated General Contractors of America, and other training providers to create Registered Apprenticeship Programs for glaziers using the NGA Glazier Apprentice Curriculum.



NGA has helped to establish RAPs for glaziers in nine states, plus Washington, D.C. An additional seven programs are in development, with the ultimate goal to make glazier apprenticeship programs available in all 50 states.



The establishment of Registered Apprenticeship Programs for glaziers creates opportunities for people to earn while they learn and find a reliable career path in the trades. Support of the Apprenticeship Building America (ABA) Grant Program will strengthen the RAP system, connecting Americans to quality jobs in the glass and glazing industry.

National Glass Association (NGA) combined with the Glass Association of North America (GANA) in 2018 to create the largest trade association serving our industry. NGA drives excellence, safety and results through education and training, and works to advance the industry as a viable, thriving and exciting career path. Learn more about NGA's education and training efforts at www.MyGlassClass.com. Please feel free to contact NGA Education & Training staff at ichase@glass.org.

NGA/NCCER CREDENTIALLED GLAZIER

NGA

Glazier Apprentice Curriculum
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The NCCER-endorsed National Glass Association's Glazier Apprentice Curriculum covers a range of topics, from types of glass, to safe glass handling, to installation best practices, and everything in between. Students who complete the NGA curriculum will earn an NGA/NCCER credential.

CURRICULUM

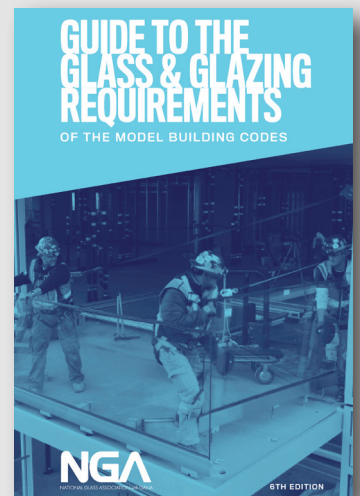
The NGA Glazier Apprentice Curriculum is offered online via MyGlassClass.com. The 430+ hours of curriculum meet the classroom learning requirement of most three-year apprenticeship programs. It includes online courses, manuals and OSHA 30 certification.

The curriculum covers these main topic areas:

- Introduction to the Glass & Glazing Trade
- Jobsite Tools & Equipment
- Glass Fabrication
- Metal Fabrication & Sealants
- Systems & Codes
- Reading Plans & Estimating

MATERIALS

Engaging online courses, developed by glass industry leaders and instructional designers, make up the core of the NGA Glazier Apprentice Curriculum. The online courses are accompanied by six hard-copy, exceptionally produced training manuals from the National Glass Association, and are included for each apprentice enrolled into the NGA Glazier Apprentice Curriculum. Manuals include: *Employee Safety Guide*, *GANA Glazing Manual*, *Guide to Architectural Glass*, *GANA Sealant Manual*, *Glass & Glazing Estimating Essentials Manual*, and *Guide to the Glass & Glazing Requirements of the Model Building Codes*.



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