THE BUILDING TRADES' MULTI-CRAFT CORE CURRICULUM



A Guide for Students and Parents



FIRST QUESTION:

WHY CONSTRUCTION APPRENTICESHIP?







A construction apprenticeship dramatically increases a young person's standard of living

- Apprentices can earn up to 60 percent of the wages that licensed and trained construction professionals make WHILE they receive their training.
- According to the US Department of Labor, the average annual wage for someone who completed an apprenticeship is approximately \$50,000.
- Apprentices who complete their program earn approximately \$300,000 more over the course of their careers than non-apprenticeship participants.



Apprentices receive high quality hands-on training and classroom education – with no student debt

- Unlike college, students work full-time while being trained for a well-paid construction trade and there's no cost for the training meaning no student debt!
- Because of the demand for skilled workers, Building Trades contractors and their union partners have invested heavily in education and training for registered apprenticeship.
- The Building Trades and their signatory contractor partners invest over \$1 billion annually in apprentice and journey-level training.
- Apprentices accumulate hundreds of hours of training both in the classroom and on the job where they are taught and supervised by certified and highly-trained construction apprenticeship trainers.



Construction Apprenticeship = "the other four year degree"

- The safest, most highly skilled and productive construction craft workers in the US receive their training through privately-funded, local joint apprenticeship and training committees (JATCs), which offer nationally-recognized, state-of-the-art curricula.
- The building Trades' Registered Apprenticeship programs are "earn while you learn" training programs and they have all been assessed for college credit.
- Many Building Trades apprenticeship programs also have articulation agreements with local community colleges.
- Once students complete their apprenticeship, they have the skills, nationallyrecognized certifications, and college credits they can take anywhere in the country.



Construction Apprentices have long-term prospects for good paying jobs – with health and retirement benefits

- Among construction apprentices, 75 percent are trained in the unionized construction sector – known as the joint apprentice training committee (JATC) system.
- Apprentices are given real world, in-depth, on the job training that teaches them cutting-edge skills and the means to implement them across their careers.
- Construction jobs can't be outsourced or sent overseas and the long term outlook for construction job growth in the US is very favorable.
- Great job prospects in construction for skilled trades workers means that apprentices have opportunities for long term, middle class careers immediately after joining the work force.



Construction Apprentices receive portable credentials and national industry certifications = life long learning

- All Building Trades apprenticeship programs are registered with either the national Department of Labor's Office of Apprenticeship or the State Apprenticeship Agencies.
- These registered apprenticeship programs provide the participants with a high quality, portable, industry sanctioned, nationally recognized credential that certifies occupational proficiency in the construction industry.
- The Building Trades also provide training for tens of thousands of journey-level workers each year, with the goal of continually improving their cutting-edge skills.



Building Trades Apprenticeship Instructor Training

The 14 affiliated unions that make up North America's Building Trades Unions have a long and deep commitment to the quality of their members' job performance. Leaders of these unions believe that the instructors in their registered apprenticeship programs are key to maintaining the high level of achievement for which these unions are known. Simply put, the ability to create quality craftsmanship in construction comes from good teaching.





IBEW Instructor Training

The National Training Institute (NTI) from the International Brotherhood of Electrical Workers (IBEW) maintains a Professional Education Program to certify their instructors, which is taught to about 2,000 students annually at the University of Michigan. This program consists of four week-long instruction sessions over the course of four years (one annually), which consist of topics ranging from effective teaching methods to an overview of instructional technology, while building on the information disseminated during the previous year level's training.





UA Instructor Training

The United Association [of Plumbers, Fitters, Welders, & Service Technicians] offers a 200-hour Instructor Certificate Program, with classes available at their annual Instructor Training Program (ITP) held at Washtenaw Community College in Ann Arbor MI, as well as online. Courses must include 100 hours of technical and professional courses each. The United Association also requires that its instructors complete a Reflective Teaching Assignments (RTA), a teaching self-assessment, before moving on to their next level of coursework.



NEXT QUESTION:

WHAT WOULD I LEARN IN HIGH SCHOOL THAT WOULD PREPARE ME FOR A CONSTRUCTION APPRENTICESHIP?







The Multi-Craft Core Curriculum (MC3)

The Multi-Craft Core Curriculum (MC3) is a comprehensive pre-apprenticeship training curriculum. It was developed and approved by the Building Trades National Apprenticeship and Training Committee in 2008. In 2012, the U.S. Department of Labor awarded the Building Trades and the MC3 the Department's Registered Apprenticeship Innovator and Trailblazer Award at its 75th Anniversary celebration.



Why Teach the MC3 In Our Schools?

The MC3 is high quality educational content

The MC3 was created to provide high quality, apprentice-level content to young people interested in construction, to prepare them for careers in the industry. One day, these students may join the Building Trades and work among the safest working, most highly skilled construction workers in the world. The MC3 has been certified by state education departments in a number of states across the country.



Why Teach the MC3 In Our Schools?

The MC3 connects two high quality education systems: America's secondary schools and the Building Trades registered apprenticeship programs

If a student completes the MC3 and join a registered apprenticeship program, they will join one of the largest privately-funded workforce development systems in the nation.



The MC3: Nine Chapters

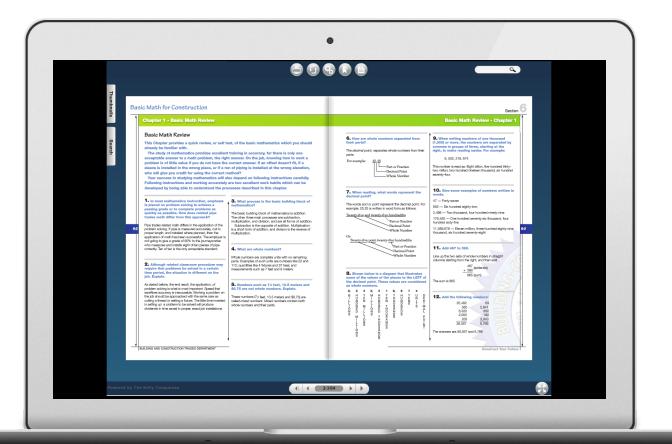
The Multi-Craft Core Curriculum

- The Multi-Craft Core Curriculum
- Construction Industry Orientation
- Tools and Materials
- Construction Health and Safety
- Blueprint Reading
- Basic Math for Construction
- Heritage of the American Worker
- Diversity in the Construction Industry
- Green Construction
- Financial Literacy





MC3 Chapters delivered via "flipbooks" (e-books)





Students who complete MC3 receive NABTU certificate





California

Reseda High School Canoga Park High School **Kennedy High School James Monroe High School Arvin High School** Arroyo Valley High School Jordan High School Soquel High School Salinas High School Green Academy Laguna Creek High School Norte Vista High School North County Trade Tech High School **Hoover High School** John O'Connell High School YouthBuild Charter School of California LA Trade Technical College Long Beach City College **American River College Antelope Valley College Hartnell College Los Rios Community College** San Bernardino Community College District San Jose Evergreen Community College District

Georgia

Atlanta Technical College

Minnesota

St. Paul Public Schools
Rosemont – Apple Valley –
Eagan Public Schools
Bloomington Public Schools
Minneapolis Public Schools
White Bear Lake School District
North Hennepin Community College
St. Paul College Trading Up

Nevada

Mojave High School

New York

High School for Construction Trades,
Engineering and Architecture
Thomas Edison High School
Queens Vocational High School
Bronx Design and Construction Academy
William E. Grady High School
Art and Design High School
Urban Assembly School for Green Careers
Co-op Tech (School of Co-operative
Technical Education)

Ohio

Max Hayes High School (Cleveland) Cuyahoga Community College YouthBuild Columbus Community School

Washington

Clover Park Technical College



- 202-347-1461
- CONTACT@BCTD.ORG
- Twitter/@BldgTrdsUnions
- www.nabtu.org