

## ***Construction Math Lab – PipeTradesPrep Math Competency***

### **Why are Good Math Skills Important for a Career in the Trades?**

Good math skills are extremely important in the construction industry. Construction workers add, subtract, divide, multiply, and work with fractions every day. They measure area, volume, length, and width. From laying out a building on site to calculating quantities of materials and their cost, construction trades professionals use practical math in all phases of their work.

So, if you are interested in a good middle-class career in the union construction industry, you should think seriously about improving your math skills. This is the purpose behind **Construction Math Lab**. The math lessons on this webpage, which NABTU provides at no cost, can help prepare you to enroll in an Apprenticeship Readiness Training Program (ARP) or to take the entrance exam in a Building Trades Registered Apprenticeship program. **You do not need to be enrolled in an ARP class or a registered apprenticeship program to access these lessons.** The lessons are designed to provide you with extra practice in applied construction math, so you'll feel more confident in pursuing a career in the building and construction trades.

### **About PipeTradesPrep Math Competency\***

PipeTradesPrep (PTP) Math Competency is an online math preparation course that is designed to help prepare you for a challenging career in the union construction industry. PTP Math Competency is designed to be self-taught and completed at your own pace, from the convenience of your own computer. PTP Math was developed by the training experts at the United Association, the union representing plumbers, pipe fitters and sprinkler fitters, but the math lessons in PTP Math apply to all construction trades.

To get a good job in the Building Trades, you may be required to take a math test as part of the process for enrolling in a registered apprenticeship program. PTP Math Competency – and the other lessons found at **Construction Math Lab** - will help you prepare for that test. While you should contact your local Building Trades Training Center about the specific requirements for enrollment in their apprenticeship programs, PTP Math Competency and the other lessons here will help you improve the basic math skills necessary to become a successful apprentice.

**\*Completion of Construction Math Lab lessons does not guarantee that you will pass a particular Building Trades Training Center's aptitude test or guarantee admission into an Apprenticeship Readiness Program or Building Trades Registered Apprenticeship Program. The lessons are simply a tool to help you improve your construction math skills.**

### **How do you create an account?**

There are no costs for these lessons. NABTU has already purchased a number of licenses for PTP Math Competency, so if you want to start using these lessons, simply complete the registration form and you will receive a username and password for PTP Math Competency. The other lessons on Construction Math Lab you can download directly to your computer. For PTP Math Competency, we will need only your first and last name and email to set up your account.

### **How To Access PipeTradesPrep Math Competency:**

1. Send your first name, last name, email address, and whether you plan to take the Pipe Trades or Electrical Prep course to [MC3Info@nabtu.org](mailto:MC3Info@nabtu.org)
2. Once we receive your information, you will receive an email that includes a link to PTP Math Competency and your username and password.
3. You will have plenty of time to practice the math problems in PTP Math; You will have free access to PTP Math Competency for 270 days.

If you have questions or concerns about PTP Math Competency, please contact Tom Kriger ([tkrigger@nabtu.org](mailto:tkrigger@nabtu.org)) or Nicole Schwartz ([nschwartz@nabtu.org](mailto:nschwartz@nabtu.org)) or send an email to [MC3Info@nabtu.org](mailto:MC3Info@nabtu.org).