



C  **PP**
CONSTRUCTION APPRENTICE PREPARATORY



WHY BECOME AN APPRENTICE?

Statistical data provided by NABTU





A CONSTRUCTION APPRENTICESHIP DRAMATICALLY INCREASES A YOUNG PERSON'S STANDARD OF LIVING

- ▶ Apprentices can earn up to 60% 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 trying 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 APPRENTICES HAVE LONGTERM PROSPECTS FOR GOOD PAYING JOBS WITH HEALTH AND RETIREMENT

- ▶ Among construction apprentices, 75% 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 longterm 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 workforce.

APPRENTICESHIP PROGRAMS

BOILERMAKERS

BRICKLAYERS

CABINETMAKER

CARPET LAYER

CARPENTER

CEMENT MASON

DOCK BUILDER

DRYWALL FINISHER

ELECTRICIAN

ELEVATOR

FLOOR LAYER

GLAZIER

INSULATOR

LABORER

LATHER

MILLWRIGHT

OPERATING ENGINEER

PAINTER

PAPER HANGER

PLASTERER

PLUMBER

POINTER/CAULKER/CLEANER

ROOFER

SHEET METAL WORKER

SPRINKLER FITTER

STEAMFITTER

STONE MASON

TEAMSTER

TERRAZZO WORKER

TILE LAYER

“CAPP educates and empowers building trade candidates to pursue careers in the Construction and Building Trades Unions.

-Walt McGill, Director of CAPP

THE HISTORY OF CAPP



The Construction Apprentice Preparatory Program (CAPP) is an education program addressing the employment disparity existing in the construction industry. CAPP focuses on enhancing the scholastic aptitude of minorities interested in pursuing a career in the Construction and Building Trades Unions. The Program is designed to actively explore the area's specific challenges and develop a comprehensive solution to secure meaningful and lasting employment. CAPP immerses itself into the community and establishes relationships with the students, local unions and sponsoring agencies. Many cities in the region are spending billions of dollars, subsidized by local and federal fund, to compete for an increased market share of the hospitality industry by building hotels, casinos and stadiums. Over the years many citizens have not participated in the economic growth and have remained observers. CAPP has developed a systematic solution by collaboration with stakeholders to combine resources and produce holistic results contributing to an overall improved quality of life.

The instruction takes place in a classroom setting with the students being lectured on various levels of mathematics, reading comprehension and life skills. All students are required to complete homework assignments and participate in field trips to construction sites in various stages of development. During the course of the program tests are given to measure the student's progress and adjustment are implemented when and where necessary. Periodically, guest speakers are scheduled to provide a practical approach to at the physical psychological conditions that have historically supported today's disparity. Guest speakers have included current male and female apprentices and journey people from various trades local union representatives and retirees.

CAPP maintains a hands-on approach during and after the Program gaining the student's confidence, which allows for better classroom comprehension, as well as, fostering personal dialogues involving their life's challenges. This partnership existing between the sponsoring agency, students and CAPP is only fulfilled when every student gains entrance into the trade of their choice.

PROGRAM RECRUITMENT

CAPP utilizes its professional relationships and interacts with companies such as workforce development agencies, community groups and religious organizations to identify individuals who meet the basic requirements for entrance into an apprenticeship program.



STUDENT SCREENING

CAPP and/or the sponsoring agency will interview the candidates that have been recruited for the Program. Candidates possessing sincere interest, math skills, appropriate experiences and a drivers license offer the best opportunity to successfully complete the Program and gain admission into a Local Union.



CAPP TRAINING CURRICULUM



WEEK 1: INTRODUCTION, SELF ASSESSMENT, GOALS AND BASIC MATH REVIEW

WEEK 2: WHOLE NUMBERS, WORD PROBLEM SOLVING

WEEK 3: MIXED NUMBERS, INTRODUCTION TO FRACTIONS

WEEK 4: FRACTIONS, DECIMALS, PERCENTAGES

WEEK 5: INTRODUCTION TO ALGEBRA AND GEOMETRY

WEEK 6: USING THE METRIC SYSTEM, CUBIC AND SQUARE ROOT MEASURES

WEEK 7: EQUATIONS, FORMULAS, HYPOTENUSE, COMPLEX WORD PROBLEMS

WEEK 8: INTERVIEW ROLE PLAY, TESTS, MECHANICAL REASONING

WEEK 9: USING THE ENGLISH SYSTEM [LINEAR, VOLUME, WEIGHT AND AREAS]

WEEK 10: TRIGONOMETRY, CIRCLES, ANGLES, POLYGONS, OSHA

WEEK 11 AND 12: TEST TAKING TIPS, COURSE REVIEW, INTERVIEWING TIPS, CAPP EVALUATION

During the course of the program, Life Skills Lessons will be delivered.