

PRE-APPRENTICESHIP IN BUILDING TRADES AND CONSTRUCTION INDUSTRY – CERTIFICATE OF COMPLETION

The Pre-Apprenticeship in Building Trades and Construction Industry program provides students with the essential skills and workforce preparation needed for careers in the building trades and construction industry. The curriculum also prepares students for a pathway to credit construction programs. Students gain knowledge in reading construction plans, material handling equipment, green construction, interpreting trade technical calculations, and practicing safety construction techniques according to Occupational Safety and Health Administration (OSHA) standards.

Program Outcomes

- Safely handle basic construction material and equipment in the workplace.
- Explain, demonstrate, and utilize the basic elements of tools related to building and construction.
- Understand basic arithmetic and apply basic geometry in solving for construction quantities.
- Describe and explain plan reading and interpret building codes used in construction.
- Perform effective job searching skills through networking, outreach services and trade unions.

Required Courses

Code	Title	Units
BLDN 2300	INTRODUCTION TO OCCUPATIONAL SAFETY AND HEALTH FOR THE BUILDING TRADES	0
BLDN 2301	INTRODUCTION TO THE BUILDING TRADES AND CONSTRUCTION INDUSTRY	0
BLDN 2302	BASIC CONSTRUCTION MATH FOR THE BUILDING TRADES AND CONSTRUCTION INDUSTRY	0
BLDN 2303	INTRODUCTION TO PLAN READING FOR THE BUILDING TRADES AND CONSTRUCTION INDUSTRY	0
BLDN 2304	BASIC MATERIAL HANDLING AND RIGGING	0