

# Multi Trade Apprenticeship

The background features a complex arrangement of overlapping geometric shapes. Large, solid green triangles and polygons are scattered across the frame. A prominent yellow horizontal bar is located in the lower right quadrant. The overall aesthetic is modern and technical.

Training for the Future –  
CERN (April 17, 2008)

# Common Needs

## ◆ We All Need

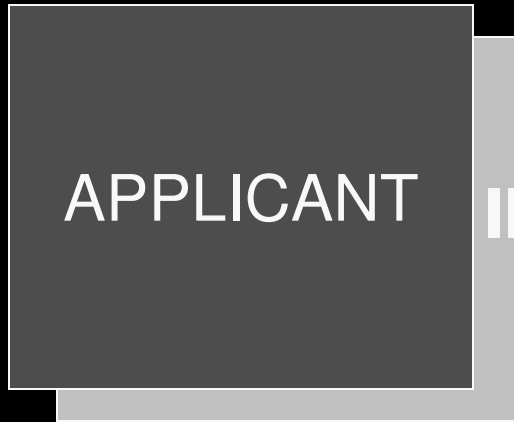
- Well Qualified Apprentices who
  - ◆ may come directly from high school
  - ◆ may have post high school training or experience
- Individuals Oriented to the Construction Market
  - ◆ Safety
  - ◆ Basic Skills
  - ◆ Industry Awareness
  - ◆ Labor History

# Common Process

- ◆ One Way to Accomplish This is
  - A Basic Building Trades Pre-Apprenticeship
    - ◆ Standardized Pre-Apprenticeship Curriculum
    - ◆ A Generic Building Trades Orientation Process
    - ◆ Multiple Specialty Trades Training Options
    - ◆ Established Knowledge and Skill Validation
    - ◆ A Path to Allow Direct Oral Interview
  - ◆ What Would Such a Program Look Like?
    - A Simple Flow Chart Shows the Process

# BCTD Pre-Apprenticeship Process

Applicants Are  
Recruited



- ✓ May Come from a Formal High School Track
- ✓ May Come from a Post High School Track

All Applicants  
Will Receive

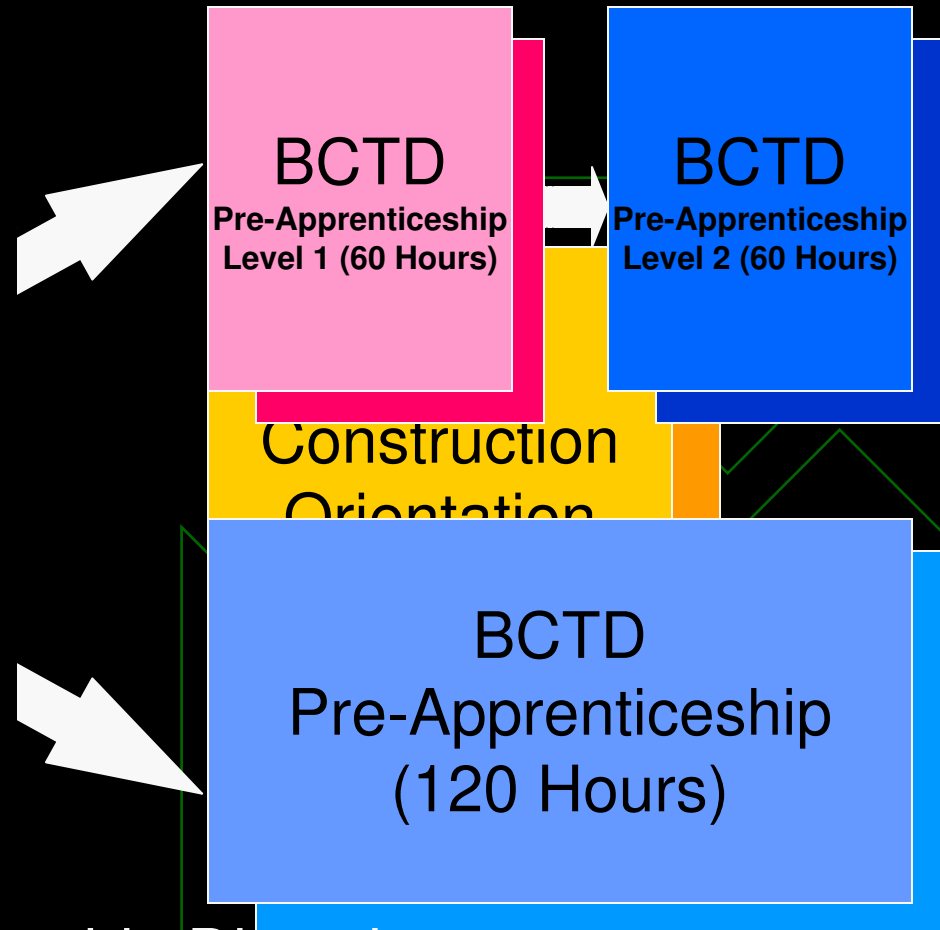


- ✓ 4-8 Hours of Generic Orientation
- ✓ Designed to Provide Overview of the Trades

# BCTD Pre-Apprenticeship Process

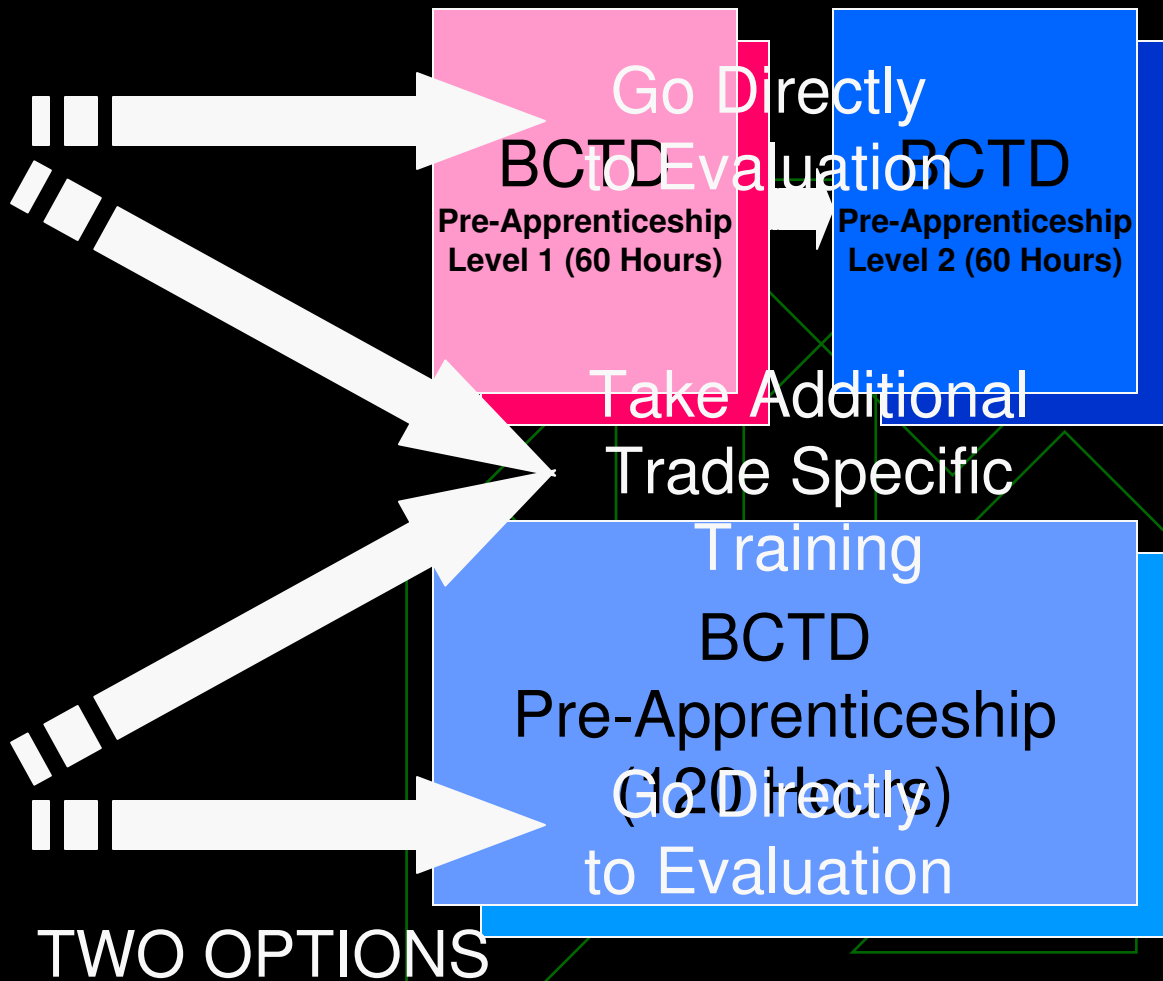
- Pre-Apprenticeship Curriculum is Standardized (Designed and Accepted by All BCTD Affiliates)
- Multi-Trade Program Delivery Provides Flexible Designs

- OSHA – 10 Hour (10 Hours)
- CPR and First Aid (8 Hours)
- Blueprint Reading (24 Hours)
- Orientation (14 Hours)
- Math Skills (40 Hours)
- Labor History (8 Hours)
- Industry Awareness (8 Hours)
- Tools and Materials (8 Hours)

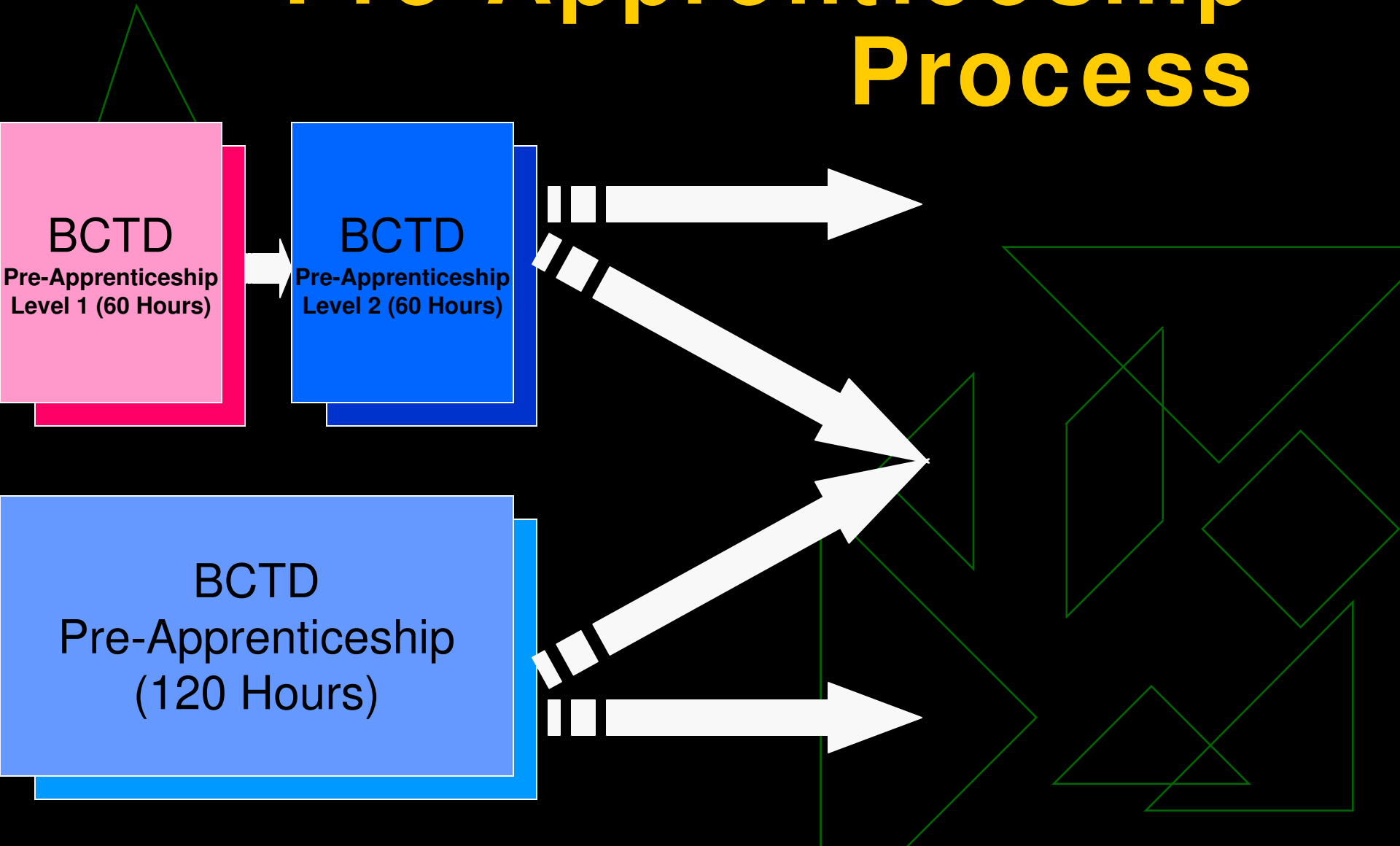


Two Tracks Provide Diversity

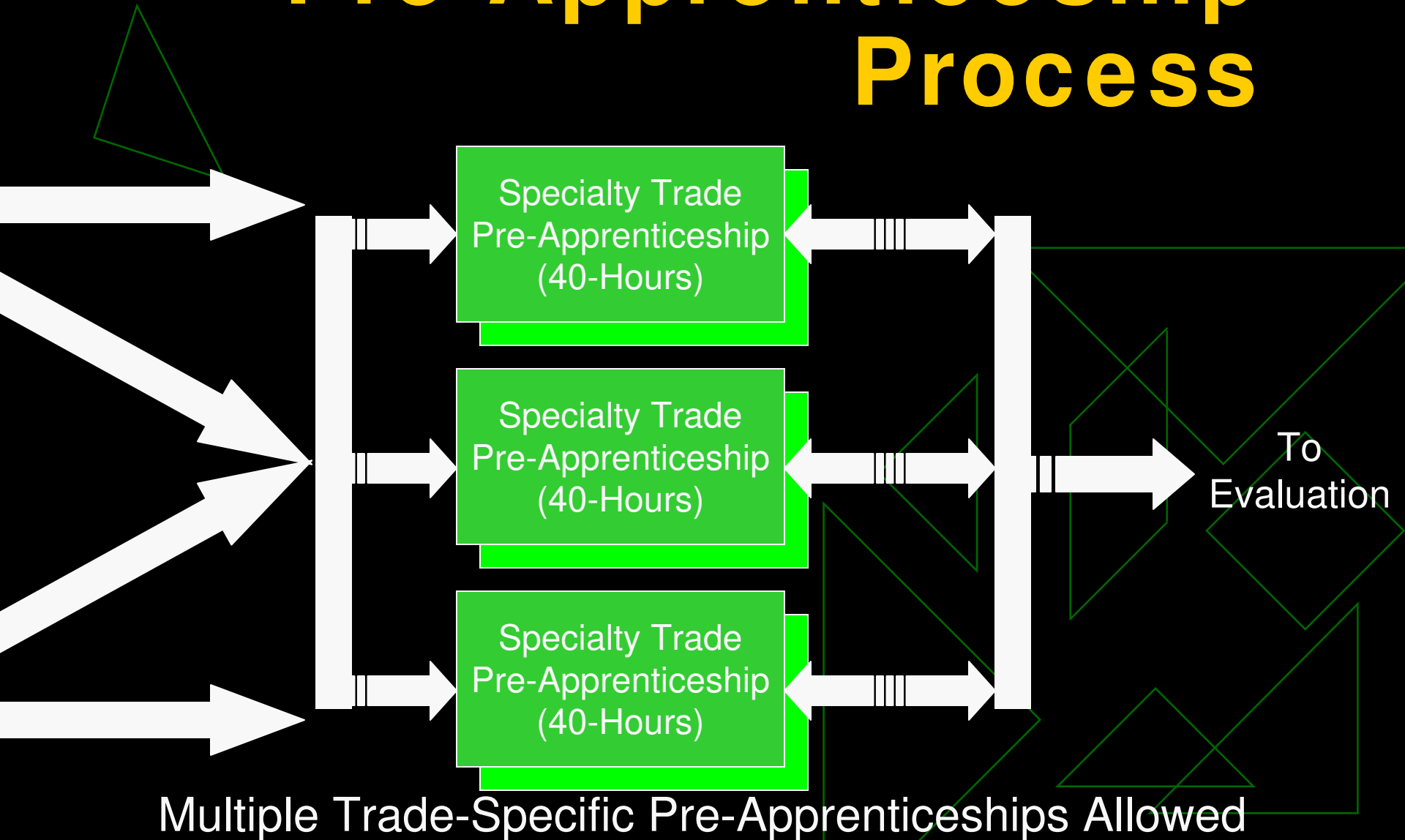
# BCTD Pre-Apprenticeship Process



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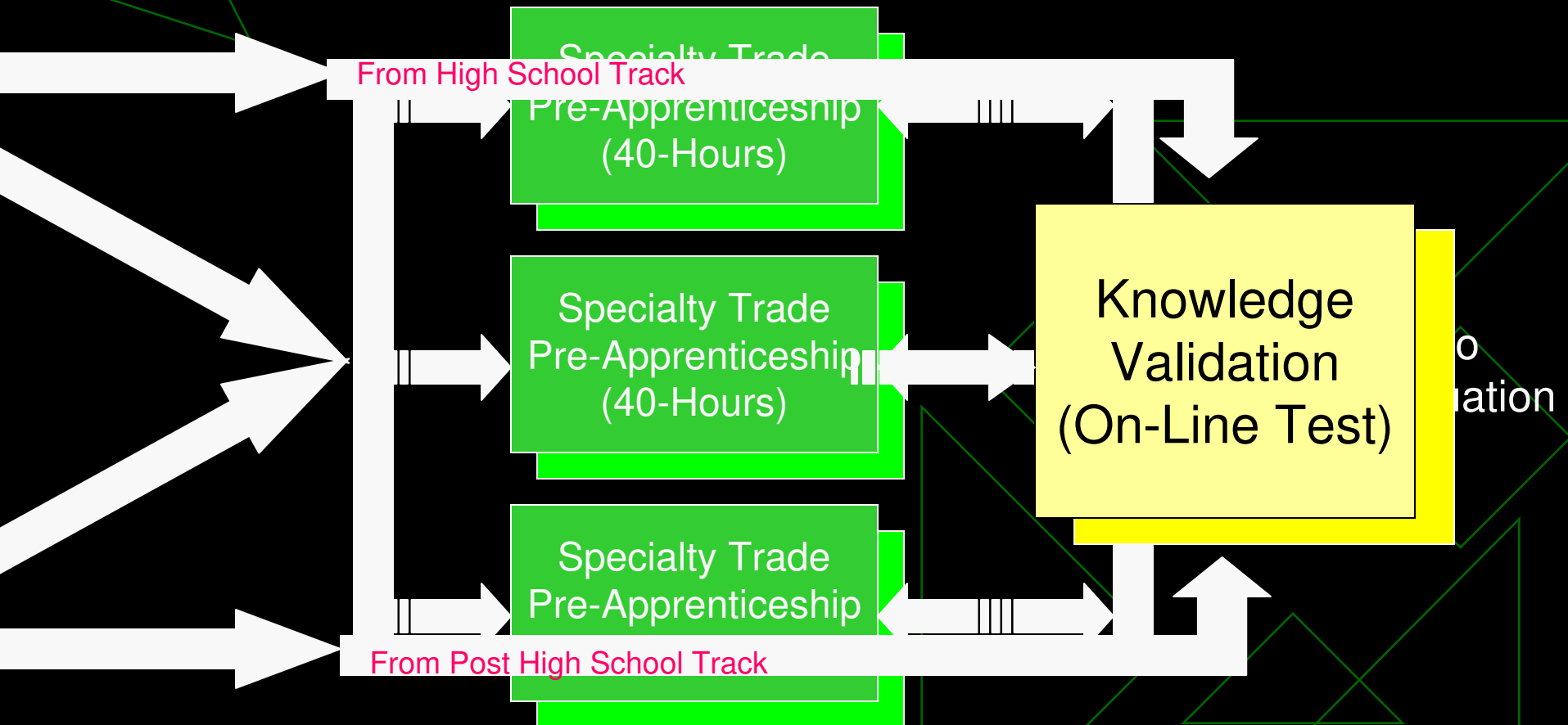


# BCTD Pre-Apprenticeship Process



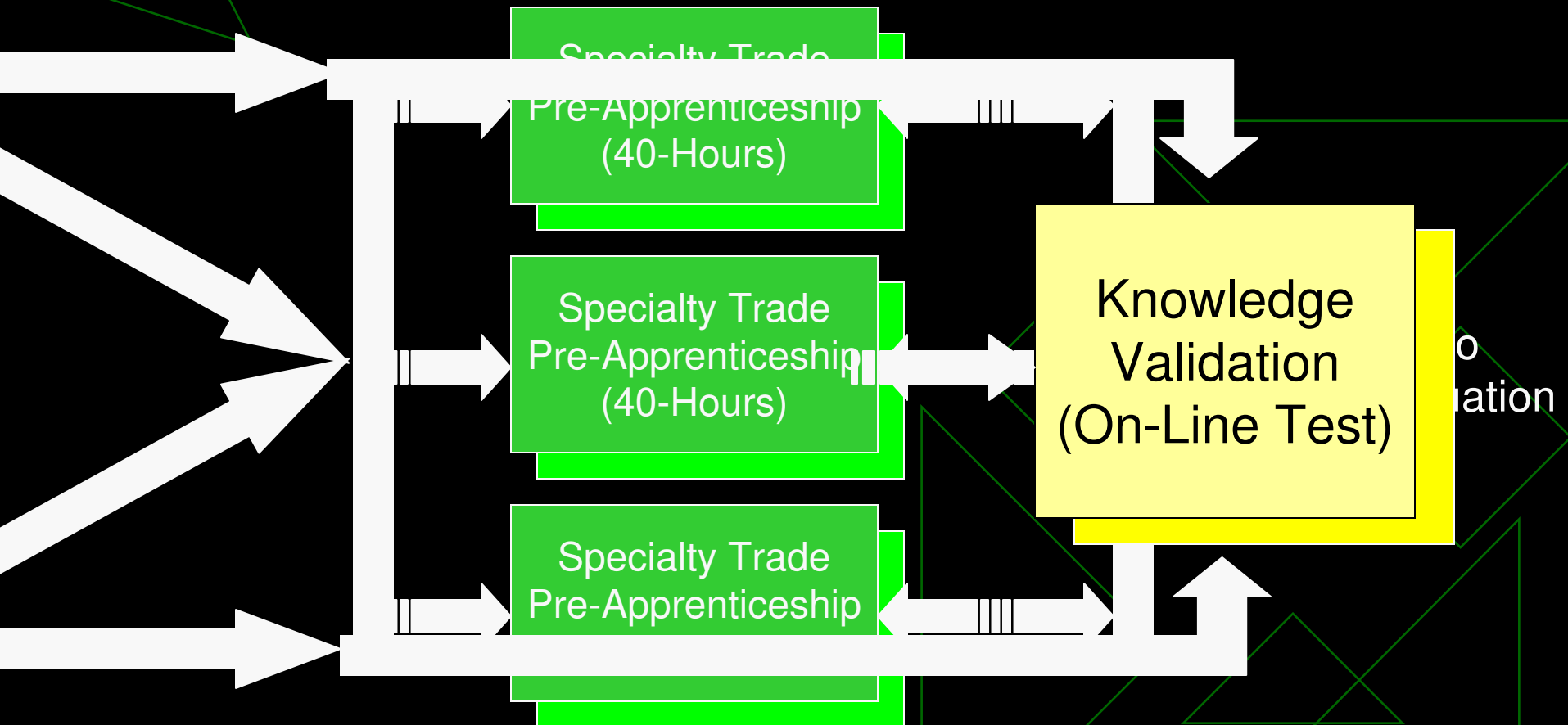


# BCTD Pre-Apprenticeship Process



Multiple Trade-Specific Pre-Apprenticeships Allowed

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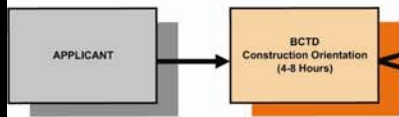
# BCTD Pre-Apprenticeship Process



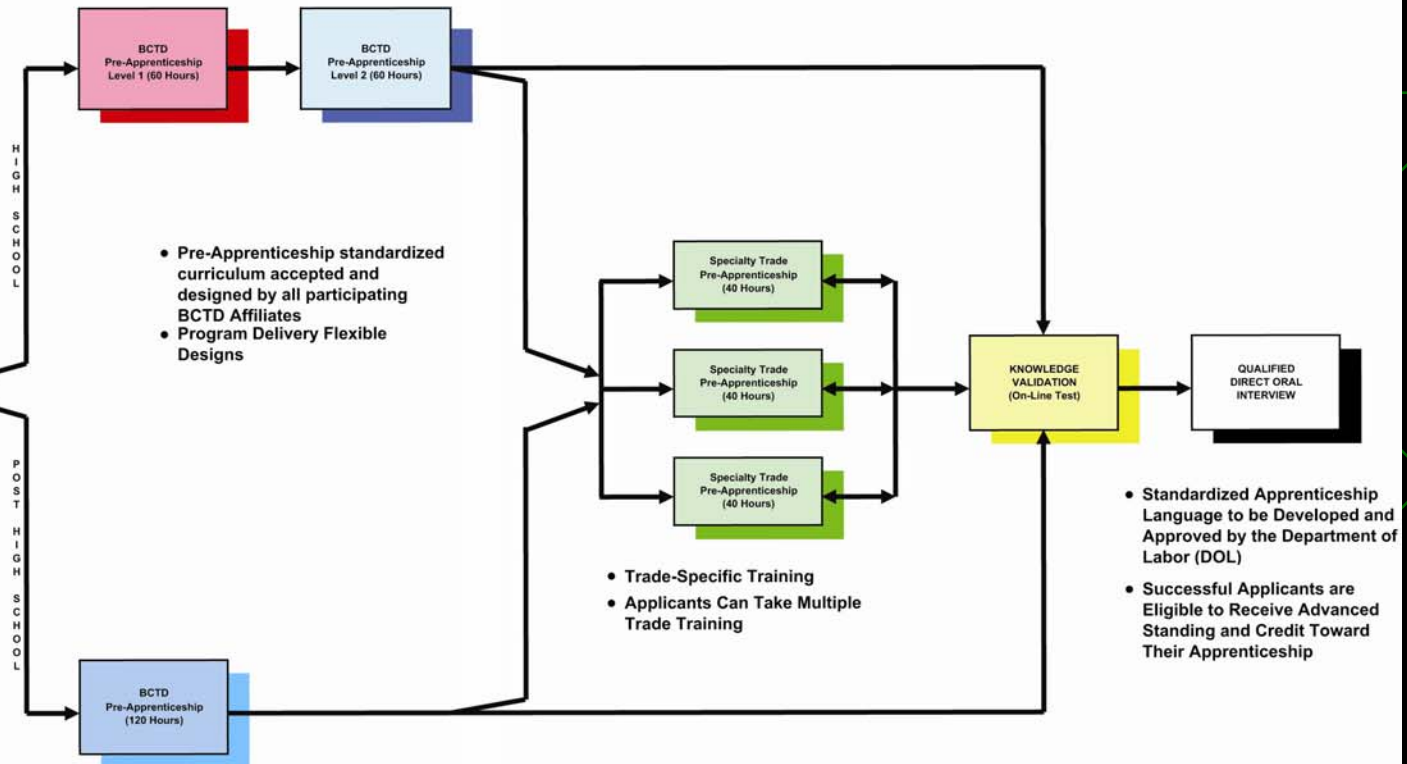
- Standardized Apprenticeship Language to be Developed and Approved by the DOL
- Successful Applicants Are Eligible to Receive Advance Credit and Standing Towards Their Apprenticeship

# Multi Trade Apprenticeship

Pre-Apprenticeship CURRICULUM	HOURS
OSHA - 10 Hour	10
CPR and First Aid	8
Blueprint Reading	24
Orientation	14
Math Skills	40
Labor History	8
Industry Awareness	8
Tools and Materials	8
<b>TOTAL</b>	<b>120</b>



Notes
• Orientation Program designed to provide overview of the Building Trades
• Pre-Apprenticeship program designed for either a Formal High School Track or a Post High School Track
• Specialty Trade Curriculum to provide additional Trade-Specific Training



# Current Status

- Core Curriculum Committee Created
- Chairman- Tom Haun, IATF Administrator  
Heat and Frost Insulators and Asbestos Workers
- First Meeting Conducted January 5, 2007

# Current Status

- **OSHA 10 and CPR/First Aid:** Chris Trahan (CPWR) and Laurie Shadrick (UA)
- **Blueprint Reading:** Tom Pfundstein (IUPAT) and Tom Haun (AW)
- **Math Skills:** Stan Klein (IBEW) and Ed Abbott (IW)
- **Orientation, Industry Awareness and Tools/Materials:** Bob Pleasure (BCTD) and Arina Sonnenberg (SMW)
- **Labor History:** Pat Greenfield (NLC), Sandra Tillet (NLC); Suzanne Miller (NLC): and Bob Pleasure

# Current Status

- **Pilot Montgomery-Blair High School, Silver Spring, Maryland, Summer 2007.**
- **Pilot Summer of 2007 at Bowie High School, Prince Georges County, Maryland.**
- **Pilot Summer Youth Program in 2007 (Nationals Stadium PLA) utilizing Core Curriculum over 6-weeks with field component added.**
- **Ongoing use of the Core Curriculum in New Orleans as part of Building Trades Gulf Coast Workforce Development Initiative among displaced workers.**
- **Second Phase: Development of final text of Core Curriculum Student Guide and Instructor's Manual in preparation for publication for national use.**