

# Smart Grid Workforce Training and Education

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# Energy Cluster Scope of Work



## FOSSIL FUELS

Energy Production  
Energy Transmission  
Energy Distribution  
Oil & Gas Extraction

## CLEAN TECHNOLOGY

Advanced Energy  
Storage  
Bio/Hydrogen Fuel  
Solar  
Wind  
Hydroelectric

## OTHER

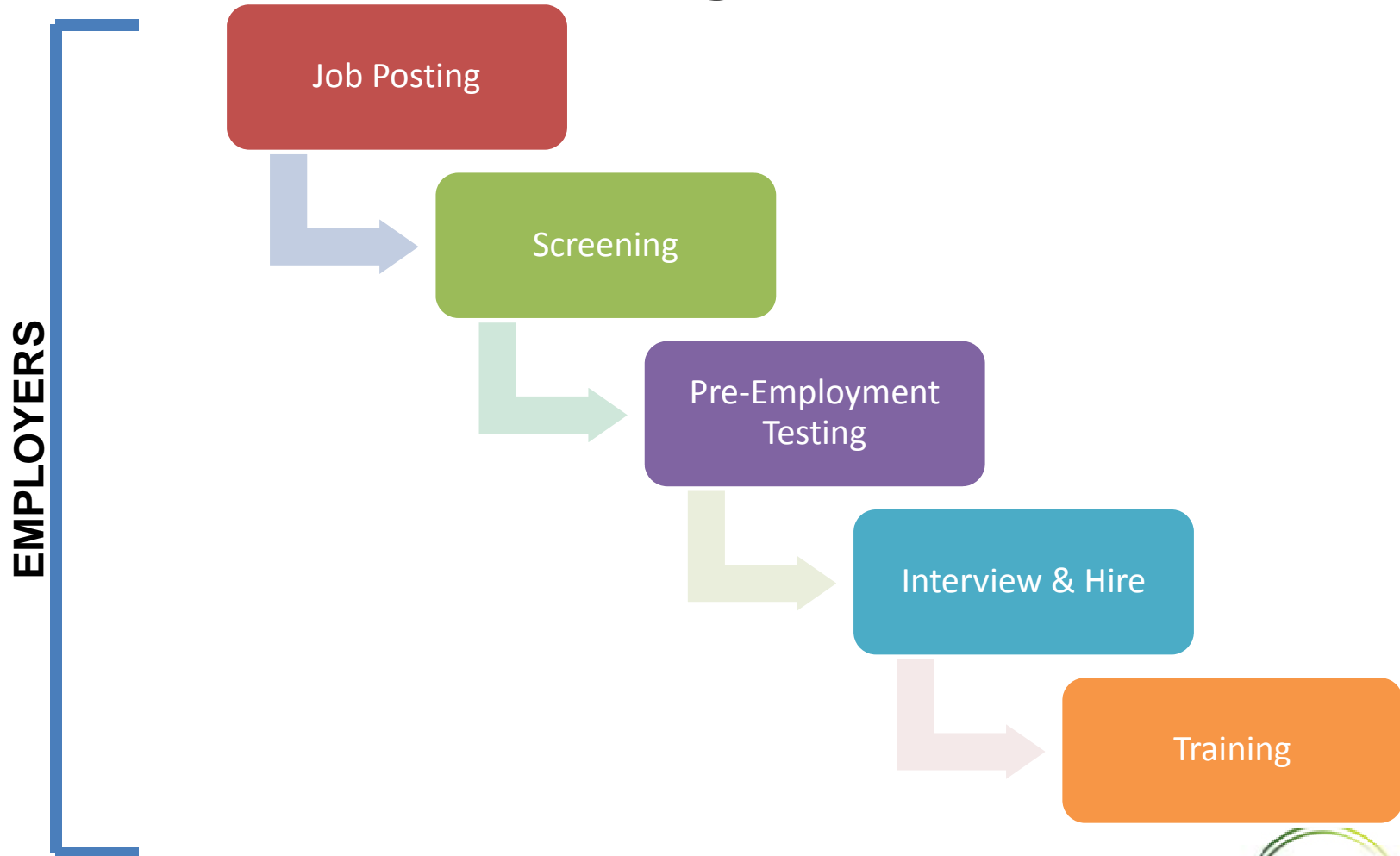
Energy Efficiency  
Water/Wastewater  
Utilities

# Workforce Challenge

- 46% of the skilled workforce may need to be replaced due to attrition or retirement
- “Talent Backfilling & Replacement”
  - Building a pipeline of future workers
  - Expand career awareness
  - Improved prep for screening & pre-employment testing
  - Better align training & employment opportunities



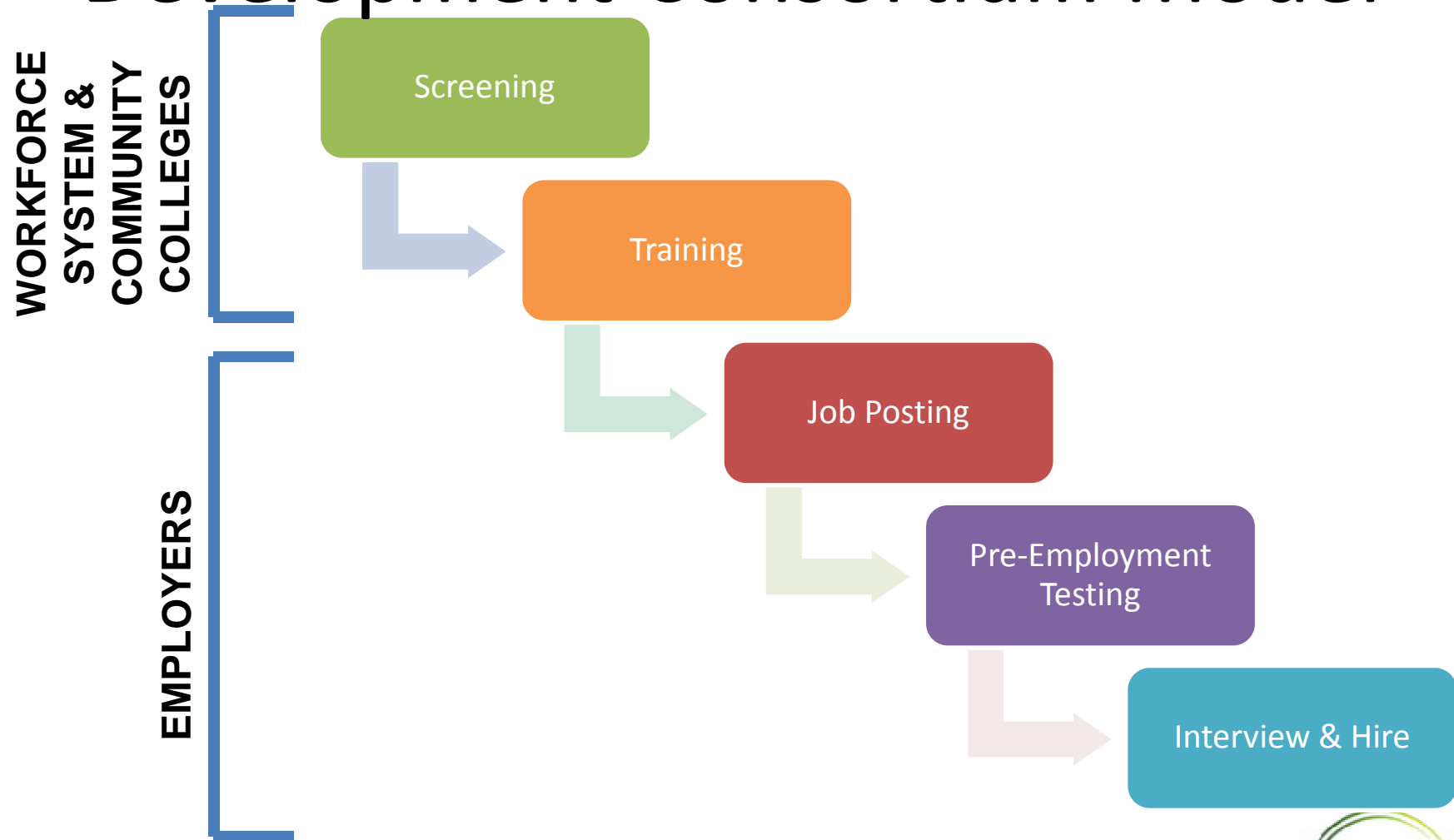
# Historical Recruitment and Training Model



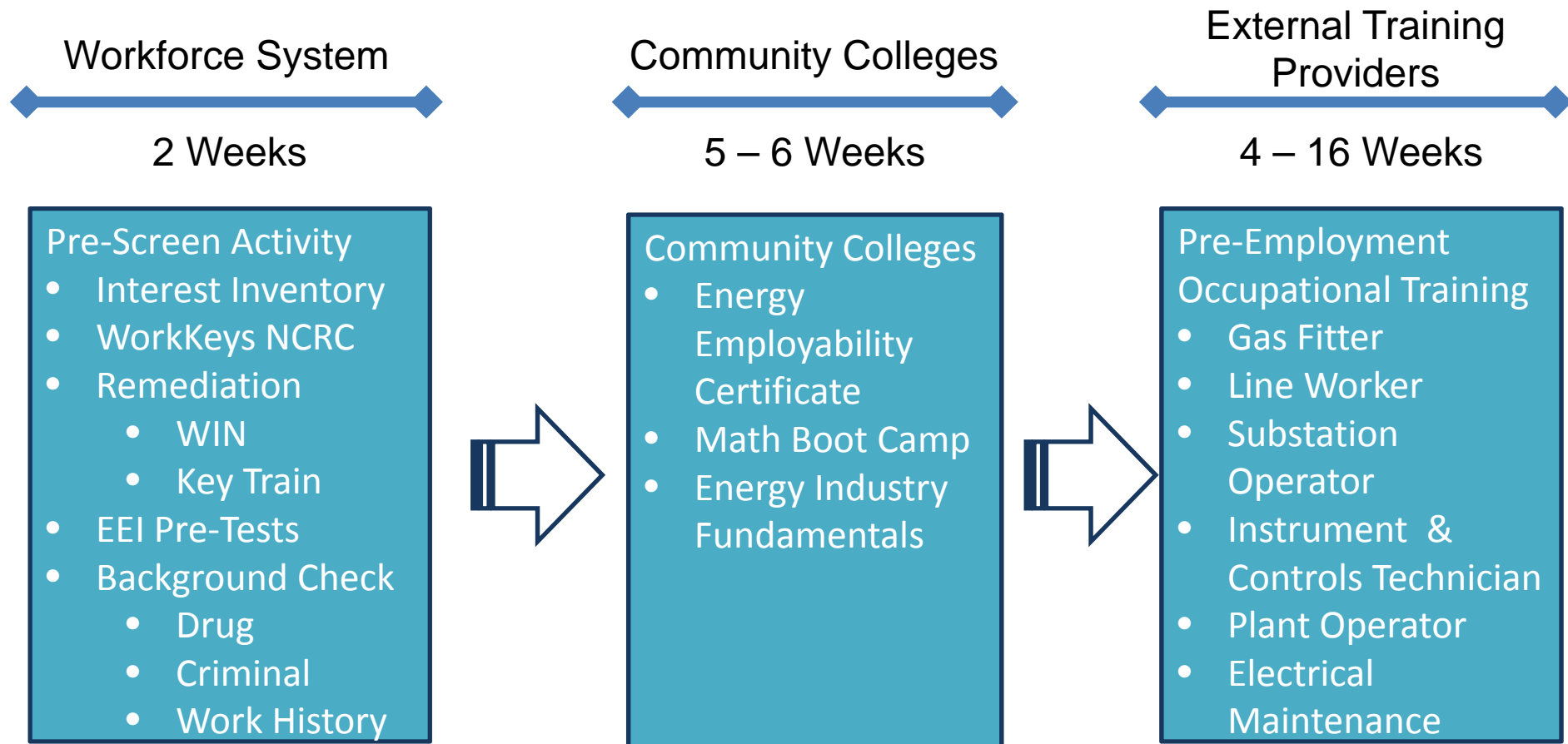
# Michigan Utility Workforce Development Consortium



# Michigan Utility Workforce Development Consortium Model



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# Smart Grid Training







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