

**8080 S. DuSable  
Lake Shore Drive**

---

**Illinois Quantum &  
Microelectronics Park**

# **Community Meeting**

December 10, 2024



# Build quantum workforce and education programs based on community feedback

## What we heard from you...

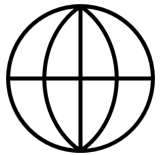


Desire to know more about the types of jobs at IQMP and how to access them



## ...action we're taking today

Sharing information on construction and permanent jobs at IQMP



Workforce development needs to address specific community context for the residents to benefit



Beginning to design upskilling programs; want to hear more from you on what it will take to make jobs accessible



Local children need additional education resources and quantum enrichment programming



Sharing initial educational priorities and upcoming quantum-related programming in community

# Quantum presents a large workforce opportunity and we are prioritizing accessibility to the local community

## Construction



Construction jobs to build the facilities

## Permanent Jobs



Jobs at all education levels, some require prior training

## Future pathways



Programs and pathways to prepare youth for STEM careers

**Today** |

Many ways to engage with quantum programming today as we bring more the South Chicago community

We're dedicated to  
propelling communities  
forward.



**Construction**



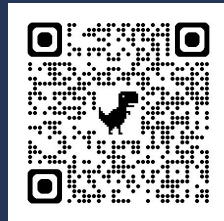
## CAIC Workforce Development Programs:

- Job Placement Services
- Manufacturing Pre-Apprenticeships
- On-The-Job Training Program
- One Workforce Program



## HIRE360 Workforce Development Programs:

- Paid construction pre-apprenticeship training
- Barrier reduction funds
- Empowering Futures Program



## HACIA Workforce Development Programs:

- Pre-Apprenticeship
- Energy Efficiency
- Assistant Project Engineer
- Solar Certification







## RW Workforce Development Programs:

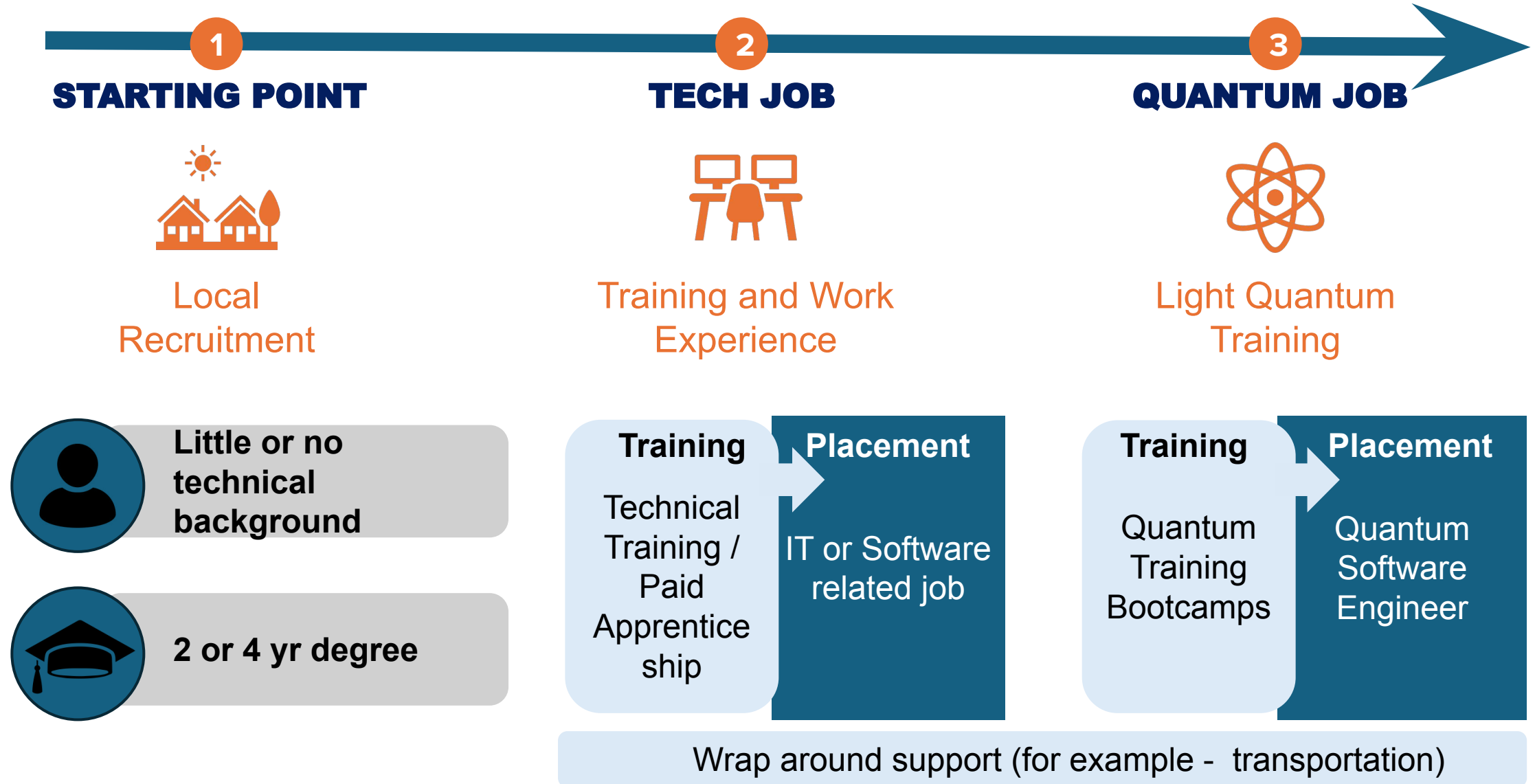
- Construction Trades Program
- Professional Pathways Program



Many jobs at IQMP will not require advanced degrees; we are working to improve accessibility for community members

	 <b>FACILITY OPERATIONS</b>	 <b>EQUIPMENT TECHNICIAN</b>	 <b>SOFTWARE ENGINEER</b>	 <b>HARDWARE ENGINEER</b>
Job	Run day-to-day operations	Setup and maintain equipment	Build and run software	Design, manufacture, repair physical equipment
Edu-cati on	Required: GED	Required: GED	Required: GED Optional: Assoc/Bachelors	Required: Associate/Bachelors
Training	On-the-job	On-the-job; potential for light prior training	Technical training completed prior to job	Technical training completed prior to job

We are building training programs to increase access to these jobs; here is an example of a pathway to a quantum software job



## The community has also shared educational priorities; these areas will be the focus of future educational plans



Give local K-12 students a **strong STEAM base** through additional math and science resources



Expand **quantum enrichment programming** (e.g., field trips, science demonstrations) for both students and families to increase awareness of opportunities in quantum-related fields



Provide early job experience through high school and college **internships and pathways** to jump-start their careers

## There are also ways for kids and adults to engage with Quantum right now!

Various STEAM programming available for various ages and career stages – check out some of the things coming up across the city:

### Upcoming Events!

Saturday Morning Physics

LabEscape



Quantum Sensing



We are also coordinating with existing programs across Chicagoland to share publicly soon!

**Break out  
rooms:**  
We want to  
hear from you!

**Construction Jobs**

Construction opportunities  
and requirements

→ ***Classroom***

**Permanent Jobs &  
Future Planning**

Job training and the  
education pipeline

→ ***Auditorium***

**Development**

Design principles and site  
planning

→ ***Cafeteria***

**Environment**

Environmental  
considerations

→ ***Break room***

**Quantum / IQMP**

Quantum technology and  
its applications

→ ***Classroom***