



“A Bright Future” for Vocational Opportunities at Seaford High School

Vision for Vocational Programming Options 2023-2024 & Beyond

BARRY Tech

**Gerald R.
Claps
Career &
Technical
Center**

**Electrical
Training
Center at
Seaford
High School**

* What is the Electrical Training Center?

Licensed by the New York State Education Department since 1999

Nationally accredited by ACCET since 2012

All instructors individually licensed

Heavily involved within the electrical industry, partnering and supporting many Long Island-based organizations: NEL, SCECA, NECA, IAEI, 5 BORO

Working with high schools since 2016: building summer programs, after-school programs, and daytime CTE training

Currently teaching high school seniors in Bellmore-Merrick, Holy Cross HS, Copiague



Benefits of Electrical Training Center

Electrical industry
career opportunities

New technology within
the electrical industry

Align student goals
with 2 or 4-year college
plans

Partner with & prepare
students to be safety
directors, site supervisors,
engineers, construction
managers, electricians,
plumbers, HVAC/R
technicians

Job placement
opportunities (supply
houses, contractors,
manufacturers)

Promotes development
of social skills between
peers

Provides techniques &
tasks designed to
develop motor skills

Develops confidence &
awareness with
electrical construction
requirements

Built & run under the
supervision of high
school leadership team
that can continue to
support and nurture
growth



Electrical Program

Electrical Program - 450 Hours

This Program Consists Of All Three Sections Below:



All Trades 150 Hour Program

Electrical Level One

Electrical Level Two

Total Hours: 150

All Trades 150 Hour Program is an overview that will explain, demonstrate, and include hands-on labs that will consist of the following below:

- Intro to Construction Math
- Intro to Power Tools
- Intro to Hand Tools
- Intro to Material Handling
- Customer Relations (OSHA 10)

Total Hours: 150

Electrical Level One is an overview that will explain, demonstrate, and include hands-on labs that will consist of the following below:

- Intro to Electrical Trade
- Intro to Electrical Circuits
- Electrical Theory
- Device Boxes
- Conductors and Cables
- HVAC Controls
- Thermostats

Total Hours: 150

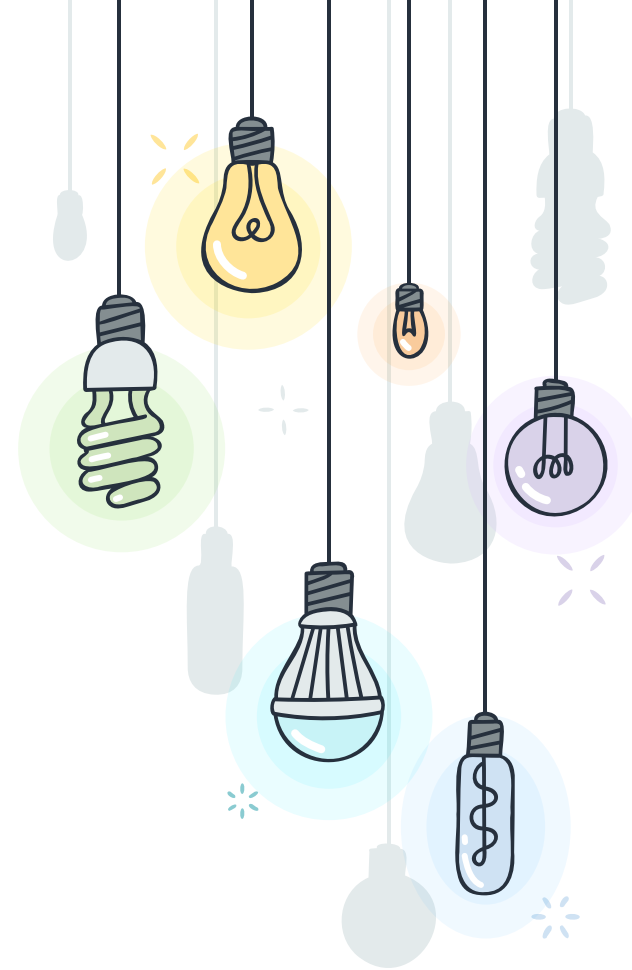
Electrical Level Two is an overview that will explain, demonstrate, and include hands-on labs that will consist of the following below:

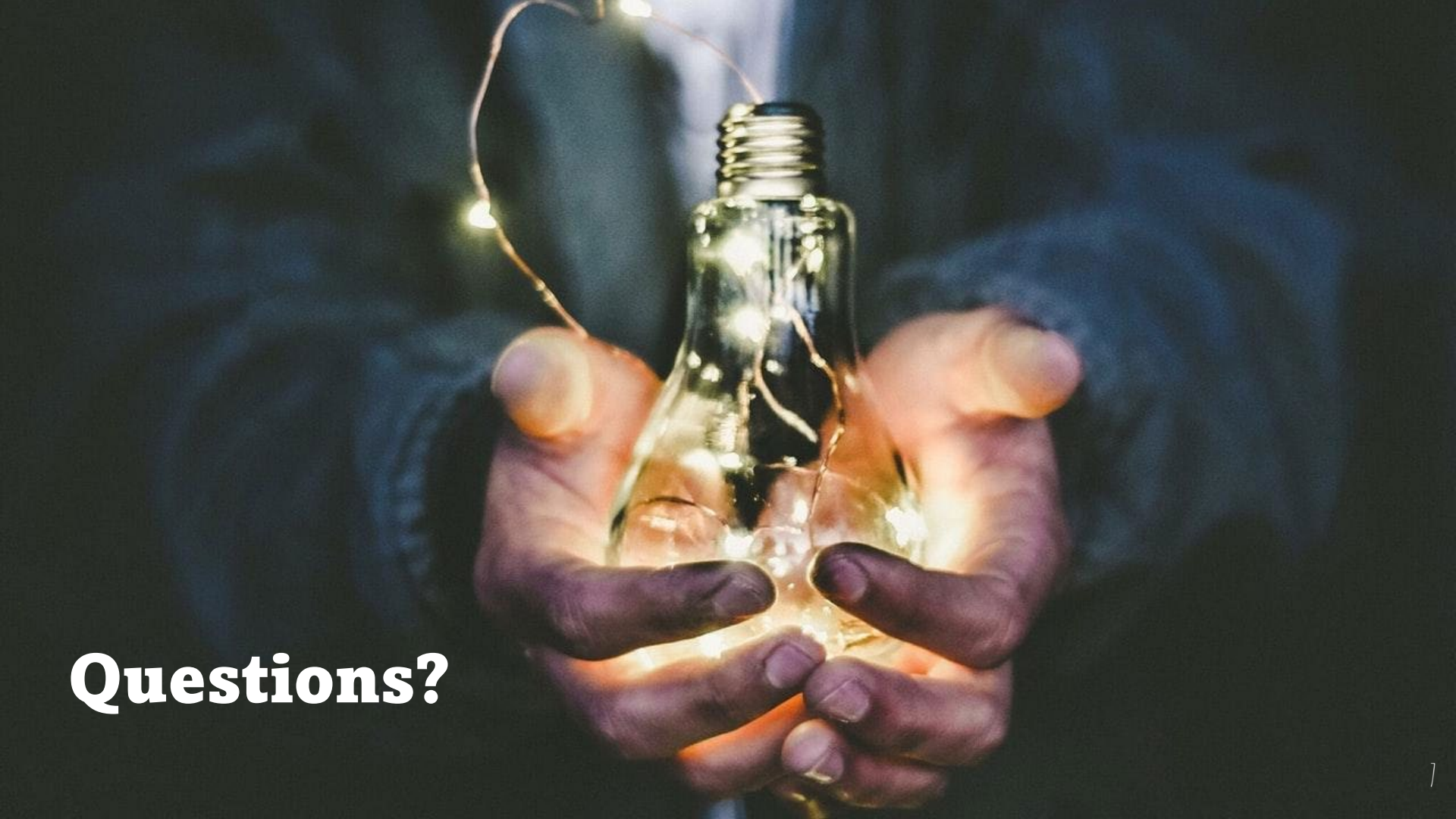
- Residential Electrical Services
- Grounding
- Commercial Wiring
- Commercial Electrical Services
- Electrical Test Equipment
- Branch and Feeder Circuits
- Basic Fire Alarm Systems



✦ Why add the Electrical Training Center to SHS?

- ✦ Students will complete studies in **one** year instead of two, providing opportunities for:
 - Increased access to SHS courses
 - Stronger connections with SHS community
 - More participation in extra-curriculars and athletics
- ✦ Service-learning component – “Habitat for Humanity”
- ✦ Opportunities are not limited by other district competition
- ✦ Provides more efficient scheduling process at SHS
- ✦ Creation of “Small Business Academy” at SHS, including courses in:
 - CAD (Computer Aided Design)
 - Woodworking
 - Career & Financial Management
- ✦ Student receives tool set upon graduation





Questions?