This course will equip you with the skills needed to work in the residential construction industry. You will learn to work with power and hand tools while becoming familiar with estimating, blueprint reading, surveying and site preparation. If you’re a hands-on person who enjoys creating structures and working with wood, then start building your carpentry career now!
COURSE TITLE: **CARPENTRY**

**COURSE DESCRIPTION**
This course is designed to expose students to the carpentry industry. It provides the students with a balance of hands-on construction and building theory including step-by-step instruction on all phases of residential construction especially form work, framing, sheathing, roofing, exterior and interior finish. Instruction also includes the proper use and care of hand, portable and machine tools.

Also included in this course is the cutting of components and construction of basic cabinets, face frames, doors and drawers common to the cabinetmaking industry. The special operations required on specific wood-working machinery and the assembly of these cabinets’ components is practiced in this course. Hinges, pulls, slides and similar door and drawer hardware are also studied. Instruction also includes the proper use and care of hand, portable and machine tools.

**COURSE CONTENT**
- Cabinet Making
- Form Work
- Framing and Sheathing
- Roofing
- Exterior Finish
- Interior Finish

**CAREER OPPORTUNITIES**
- Apprentice Carpenter
- Sheet Rock Installer
- Cabinet Maker
- Cabinet Installer
- Insulation Installer
- Roofer
- Painter
- Furniture Maker’s Assistant
- General Laborer
- Framer

**LOCATION**
- Islip Career Center

**RECOMMENDED ACADEMIC CREDIT**
- ½ credit for Math per year

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**Quote from program graduate –**
"I learned a lot in the trade and made friends. My teacher helped me and gave me support that I never had before and helped me become more confident."

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**Architecture and Construction**
- Heating, Ventilation and Air Conditioning (HVAC) (MTC, WTC)
- Introduction to HVAC (ICC)
- Carpentry, Residential Construction and Home Improvement (BTC)
- Facilities Maintenance (ICC)
- Plumbing and Heating (BTC)
- Electrical Trade and Alternative Energy (BTC, MTC)
- Carpentry (ICC), WTC, Southampton HS
- Carpentry Exploration (IAC)