Job Forecast Strong
for Preschool, Daycare Positions
Students Earn Credentials Here

1,500 Vacant LI Marine Jobs
Training Available for Students, Adults

Is Your District in Compliance with
New Mercury Off-Gassing Laws?
ESBOCES Can Help
William Johnson (far left), a former Tuskegee Airman and Glen Cove resident, recently visited Patchogue-Medford High School to speak to Junior Air Force ROTC cadets. The Tuskegee Airmen were the first black military aviators in the U.S. Army Air Corps during WWII. They flew more than 15,000 individual sorties in Europe and North Africa, earning more than 150 Distinguished Flying Crosses. Johnson spoke about racial segregation in the military and in civilian life, and answered questions from attendees. The Patchogue-Medford JROTC Program is an Eastern Suffolk BOCES in-district program.
Long Island’s largest county encompasses more than 300 bodies of water and over 980 miles of shoreline. When you consider these figures, it is astounding to learn that the industry is experiencing a severe labor shortage. Personnel from multiple sectors of the industry have appealed to county legislature for assistance, explaining that positions go unfilled everywhere from boat salespeople, to marine mechanics, to fishermen. Last year, the legislature launched the Marine Industry Revitalization Advisory Council (MIRAC), and has partnered with ESBOCES, which offers programs for those interested in marine mechanics, repair, and technology.

**Job Training for the LI Marine Industry**

**ESBOCES Provides Instruction for Many of the 1,000+ Unfilled Marine Jobs in Suffolk County**

In Suffolk County, approximately 6,000 people can be employed in the marine industry. About 20% of jobs are currently unfilled, which is one out of every five positions, or 1,200-1,500 vacancies*. What an experienced Marine Repair Technician can earn, including benefits: $50/hr. Tuition assistance is available for both ESBOCES programs.

For adults, ESBOCES has Marine Repair, a 17-class, Adult Education course. For high school students, ESBOCES offers Marine/Motorsport Technology through its CTE Program, the Eastern LI Academy of Applied Technology.

**CTE Marine Program questions? Contact Rob Van Brunt at 631-419-1628, rvanbrun@esboces.org, or visit academyli.org/page/604**

**Adult Education course inquiries? Contact Donna Singer at 631-286-6773, dsinger@esboces.org, or visit esboces.org/AdultEducation**

*Eric Kreuter, vice president of the Association of Marine Industries, a Shoreham-based non-profit organization, which consists of more than 135 marine-related businesses.
New York State recently passed legislation limiting the amount of mercury vapor allowed in school environments. This came after several schools in the state found that components used in rubberized synthetic floors released mercury vapor into the environment over time, which could be harmful for students and staff.

What is the need for this legislation?

Several schools in New York have already experienced high levels of mercury in gymnasiums and multi-purpose rooms with floors that were installed from the 1960s to the 1990s. As the floors age, mercury can be released into the air as vapor. In some cases, when these rooms were updated, new wood flooring was placed over existing layers of floor, and the older substrate began to age and deteriorate.

As mercury converts to vapor and releases into the environment, it does so as a clear, odorless, and tasteless gas. Exposure to high levels of mercury can result in a buildup in the body, causing neurological complications such as memory loss, tremors, and respiratory problems.

If elevated levels of mercury are detected in your school, remediation is necessary. The New York State Department of Education is working with the Department of Health, Environmental Conservation, and Department of Labor to establish guidelines for proper removal of these affected floors. Safe removal of mercury-containing compounds involves closing the room where the elevated levels are detected, relocation of classes, and complete removal of floors and subfloors. This process can be very costly, and time consuming.
**What does the legislation say?**

Immediately in place is a strict time-weighted exposure limit to mercury vapor. This means that school employees cannot be exposed to more than .75 micrograms of mercury per cubic meter of air in an eight-hour shift of a 40-hour work period. Students cannot be exposed to the same amount over a 16-hour school week.

Starting in 2021, schools will no longer be permitted to install mercury-containing floors and are required to remove any flooring containing mercury before installing new floors on top of them.

**ESBOCES can help**

ESBOCES provides health and safety services to participating school districts through the Regional Occupational Safety and Health (ROSH) office. These services include trainings, workshops, model plans, and technical assistance in order to comply with local, state and federal rules, regulations, and laws.

If schools have concerns about the condition of their floors or other health and safety concerns, the ROSH can provide an on-site consultant to provide customized services.

For more information about ESBOCES ROSH services, contact Jonathan Hark at 631-472-8785, or by email at jhark@esboces.org.
New Regents Courses a Success at Jefferson Academic Center

Students Excel Academically while Rigor Bolsters Confidence

Identifying the need to improve the transition into high school, ESBOCES piloted one section each of Algebra and Living Environment for eighth grade students at Jefferson Academic Center during the 2018-2019 school year.

Located in Port Jefferson, this middle school serves the majority of ESBOCES students who present with behavior management needs that prevent them from being successful in their home school districts. Many students fall under the emotionally disturbed or other health impairment classifications; diagnoses include anxiety, depression, conduct disorder, oppositional defiance disorder, and ADHD. There are also students on the autism spectrum at the school.

Meeting the expectations, all students either passed or utilized the low pass safety net option on the Algebra Regents, and all but one student passed the Living Environment exam. Additionally, the students were enthusiastic about the courses and demonstrated personal responsibility toward achieving. Confident that most of their students could reach the material, the administration opened up the courses to all eighth graders for the 2019-2020 school year.

Parents, students, and staff welcomed the challenging curriculum, embracing the effort required by the entire school. Jefferson Academic Center Principal Holly Iuliucci said, “Now students have the same academic opportunities as in-district peers, earning regents credits toward graduation. With a thoughtfully designed program in place, students who require intensive social and emotional support will excel academically.”

Celebrating Success

Annie Giovingo Changed Her Life Through Adult Education

Switching careers in your 50s isn’t easy. However, after working in retail management for 35 years, Annie Giovingo needed something different. She found the tools and resources to help her transition from her current career to construction project management through an ESBOCES Adult Education program.

Annie supervised site remodels for Rite-Aid Pharmacy, a job that required continual travel. “I never saw my family. I was jumping from hotel to hotel and living out of a suitcase,” she said.

In the spring of 2017, she enrolled in the 16-week, Blueprint Reading class taught by a licensed architect who trains students to read and design building plans. “I loved the course,” she said. “I gained more in-depth knowledge about an industry in which I was already familiar.”

The program also included networking opportunities with organizations that had immediate openings for skilled workers, which is how Annie crossed paths with the Patriot Organization, a Suffolk County-based construction management and general contracting company. Annie applied for a project manager position, secured an interview, and was hired by the time she completed the course in May.

Now in her new career for two years, she enjoys the life cycle of construction projects. “When I was working with Rite-Aid, I saw how spaces were completed,” she said. “Now, I see how they begin and I love the progression from idea, to blueprints, to completed job.”

Another benefit she gained from the program is that she now has an occupation she enjoys. “I’m home every night,” she said. “I love what I do and the lifestyle it provides me.”

For information, contact the Adult Education office at 631-286-6585.
The New York State Department of Labor projects that there will be 650 new preschool teaching jobs and more than 1,100 childcare worker positions on Long Island every year for the next six years. The Academy Early Childhood Education Program prepares students with authentic teaching experiences.

Each student in the program undergoes the rigors to earn the Child Development Association Credential (CDA). All professionals who want to teach preschool must have it. Students must complete:

- 480 hours of professional work experience
- 120 hours of formal childhood education training
- An observation by a CDA professional during a site visit
- A portfolio of work

Work experience is garnered in the half-day preschool run by the Academy, where high school students receive hands-on, project-based learning opportunities, such as lesson planning; relationship building with teachers, students, and parents; and how to create safe and nurturing environments. Students also earn certifications in pediatric first aid and CPR.

Special education students pursuing a career in Early Childhood Education have the opportunity to get preschool experience through the ESBOCES Special Career Education Program at the Islip Career Center in Oakdale. These students learn from the same curriculum as their CTE counterparts, but have the opportunity to move at their own pace. Completion of the course doesn’t require the CDA credential, students gain more than 100 hours of customer service experience, and can work as teaching aides in a preschool or childcare setting.

Questions? Contact Rob Van Brunt at 631-419-1628, or rvanbrun@esboces.org

Career Fair for Culturally and Ethnically Diverse Educators

Diverse Candidates Encouraged to Apply

All participants must pre-register in order to attend the Career Fair. Registration information available at http://esboces.org/Page/1818.

Career Opportunities for Administrators, Teachers, and Substitute Teachers
ESBOCES announces the addition of 10 new associates to its collaborative Business and Industry Partnership Program. The program is a joint venture between the agency and numerous members of the Long Island business community and higher education. Several hundred participating partners from an extensive field of industries provide opportunities for our students, which includes networking and advice, visiting as guest speakers to deliver industry-specific presentations and demonstrations, program-related field trips to professional facilities, internships, and job shadowing. Different partners work with students from our CTE and special education programs to meet their diverse needs.

**Affinity Skilled Living & Rehabilitation Center**
305 Locust Avenue
Oakdale, NY 11769

**Avocados - Bohemia location**
1360 Lakeland Ave.
Bohemia, NY 11716

**Frontier Collision**
885 Sylvan Avenue
Bayport, NY 11705

**Kiddie Kampus**
3235 Route 112
Medford, NY 11763

**KK Finishing**
45 Knickerbocker Ave, Ste. 2
Bohemia, NY 11716

**LI Vinyl**
22 Industrial Blvd., Unit 9
Medford, NY 11763

**Mulder Family Physical Therapy**
601 Veterans Highway #125
Hauppauge, NY 11788

**Northwell Health**
Multiple locations throughout Long Island

**Sayville Ford - Diesel shop**
5686 Sunrise Highway
Sayville, NY 11782

**Smile Farms**
1 Montauk Highway
Moriches, NY 11955

**Tall Tree Floral Designs**
143 Medford Ave
Patchogue 11772

To learn more about the Business and Industry Partnership Program, contact Barbara Egloff at begloff@esboces.org, or call 631-419-1609.