



# Boating Manufacturers

## *Fiberglass Finisher Youth Apprenticeship Career training, credentials and a paycheck*

### **What is a fiberglass finisher?**

Fiberglass finishers laminate and finish layers of fiberglass on molds to form boat decks and hulls, bodies for golf carts, automobiles or other products.

### **Duties include:**

- Releasing air bubbles and smooth seams using rollers.
- Spraying chopped fiberglass, resins and catalysts onto prepared molds or dyes using pneumatic spray guns with chopper attachments.
- Selecting precut fiberglass mats, cloth and wood-bracing materials as required by projects being assembled.
- Patting or pressing layers of saturated mat or cloth into place on molds using brushes or hands, and smooth out wrinkles and air bubbles with hands or squeegees.
- Mixing catalysts into resins and saturate cloth and mats with mixtures using brushes.
- Bonding wood reinforcing strips to decks and cabin structures of watercraft using resin saturated fiberglass.
- Checking completed products for conformance to specifications and for defects by measuring with rulers or micrometers, by checking them visually or by tapping them to detect bubbles or dead spots.
- Trimming excess materials from molds using hand shears or trimming knives.
- Repairing or modifying damaged or defective glass-fiber parts, checking thicknesses, densities and contours to ensure a close fit after repair.

### **How does the Youth Apprenticeship work?**

- Trident Technical College connects qualified students with participating employers.
- Employers interview and hire students.
- Students begin employment while taking high school and college courses.

### **What will I earn at the completion of the Youth Apprenticeship?**

- High school diploma
- Trident Technical College certificate in Basic Industrial Work Skills
- Journeyman credential from the U.S. Department of Labor
- Two years of work experience

### **What are the eligibility requirements?**

- Rising junior
- 16 years of age
- Qualifying Compass Placement Test scores
- Qualifying Mechanical Aptitude scores

### **How do I apply?**

- Contact your guidance counselor.
- Earn qualifying scores on Compass Placement Test and Mechanical Aptitude test.
- Complete the youth apprentice application packet.

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## Fiberglass Finisher Youth Apprenticeship

Career training, credentials and a paycheck

### Employer Opportunities



SPORTSMAN



KEY WEST

### How much does it cost?

It is required by the U.S. Department of Education that the gainful employment information below is published. However, all tuition and costs associated with the Youth Apprenticeship program will be paid by the Charleston Metro Chamber of Commerce. **The program is free to student apprentices.**

#### TRIDENT TECHNICAL COLLEGE - BASIC INDUSTRIAL WORK SKILLS CERTIFICATE

Program Level - Undergraduate certificate

Program Length - 16 months

#### COST

Q: **How much will this program cost me?\***

A: Tuition and fees: \$4,298

Books and supplies: \$1,050

On-campus room & board: not offered

**What other costs are there for this program?**

For further program cost information, visit

<http://www.tridenttech.edu/academics/ge/addlcostinfo.htm>

\*The amounts shown above include costs for the entire program, assuming normal time to completion.

Note that this information is subject to change.

#### FINANCING

Q: **What financing options are available to help me pay for this program?**

A: Financing for this program may be available through grants, scholarships, loans (federal and private) and institutional financing plans. The median amount of debt for program graduates is shown below:

Federal loans: \*

Private education loans: \*

Institutional financing plan: \*

\* There were fewer than 10 graduates in this program. Median amounts are withheld to preserve the confidentiality of graduates.

#### SUCCESS

Q: **How long will it take me to complete this program?**

A: The program is designed to take 16 months to complete. Of those that completed the program in 2013-2014, \*\*% finished in 16 months.

Q: **What are my chances of getting a job when I graduate?**

A: The job placement rate for students who completed this program is 100%.

For further information about this job placement rate, \*

\* We are required to calculate this information; however, due to privacy concerns, we are unable to provide this data.

1 Other costs for this program

No additional information provided.

2 Job Placement Rate Information

**Name of the state this placement rate is calculated for:**

South Carolina

**Who is included in the calculation of this rate?**

All graduates between July 1, 2013 and June 30, 2014 with the exception of those in active military or church service.

**What types of jobs were these students placed in?**

The job placement rate includes completers hired for: Jobs within the field

Positions that recent completers were hired for include: Basic Industrial Work Skills Certificate

**When were the former students employed?**

Graduates typically employed within six months of graduating.

**How were completers tracked?**

South Carolina Department of Employment and Workforce and the National Student Clearinghouse.

3 Additional information related to this program and/or the information provided above

This certificate is designed to offer employability skills for the industrial environment and prepare the student for various entry-level positions at industrial and manufacturing work sites. Topics such as safety, communication, problem solving and computer use are introduced.

4 More information on jobs related to this program

Industrial Machinery Mechanics  
<http://www.onetonline.org/link/summary/49-9043.00>

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