



**Future Builders of America  
Chapter Design Competition  
Southeast Builder's Conference, July 24-25, 2025.  
Gaylord Palms Convention Center, Kissimmee, FL**

## Objectives

The FBA Design Challenge was developed as a hands-on activity/project for high school student chapters. FBA, Home Builders Institute (HBI) and Florida Home Builders Association's Young Professional Council are organizing a competition for Future Builders of America Student Chapters from Florida to be held during the 2025 Southeast Builder's Conference (SEBC). Teams will be judged on the precision of the component fabrication completed at each team's home school and the quality of the final product when presented at SEBC on July 24, 2025.

## Requirements

Each team will construct a Workshop Island according to the Plans Packet provided. Team members will build the Island at their home schools. Instructors/coaches may advise the teams, but all work must be done by the students. Only 4 Students per school will be allowed to present the project at SEBC and must be well versed in all aspects of the total construction. Other students may assist with the construction of the Island.

Teams will transport the Island to SEBC in Kissimmee, Florida. Teams must arrive at the Gaylord Palms Convention Center no later than 9 AM on Wednesday, July 24th. All Islands **MUST** fit in the back of a pickup truck and **MUST be outfitted with locking castor wheels** to transport the Island to the show floor. Teams must plan for unloading without assistance from the SEBC Contractor.

Teams will compile a three-ring binder with the estimate, working drawings, photos, safety plan and cutting plan described below and have that available at SEBC. Teams may also provide a video presentation to be displayed alongside their Island. Electronic viewing devices will be the responsibility of the participating team. Judges will inspect the binder contents and the Islands before announcing the final winners on Wed. July 24, 2025.

The Islands will be auctioned off in a drawing on Thursday, July 25, 2025. Ticket sales will close at 2 PM. A portion of the proceeds will be awarded back to each participating school to offset the cost of materials and participation. Auction winners will be required to provide their own transportation.

Teams must complete their application form no later than **April 30, 2025**. Forms are to be submitted electronically to Future Builders of America at [Cindy.Hall@HBI.org](mailto:Cindy.Hall@HBI.org).

All team members must be available to answer judges' questions for 30 minutes at their allotted judging time. Depending on the number of projects entered, judging will begin at 12 Noon on Wednesday, July 24, 2025. Times may change depending on the number of teams participating.

All costs associated with participation in this event are the responsibility of the participating school. Should FBA secure grants for materials and travel, participating schools will be reimbursed up to the amount of funding secured.

## **Estimate**

The estimate must include the cost of all materials needed to complete the project and the labor required to assemble the Island. Each team must provide the cost of the raw materials in commonly available sizes. Include 6.5% sales tax. Each team will develop a detailed cutting plan to optimize the use of materials. Teams should try to minimize the material cost by careful planning. Estimate the labor cost for assembly in minutes at a rate of \$60/hour/team (\$1.00/minute).

## **Materials List**

Each Team must provide a complete materials list along with any components that are integrated into the design including sinks, grills, etc.

## **Schedule**

Teams must plan to complete their projects prior to arrival at SEBC. They can be built either during the school year or prior to SEBC. The timing of the project will be determined by the instructors/coaches.

## **Safely Plan**

Teams must be aware of and follow the safety requirements of their schools during the fabrication process. A safety plan is required that identifies tasks to be completed during assembly and at move-in at SEBC that involve risk of injury and plans to mitigate that risk.

## **Procedures**

Teams will use tools available at their schools to fabricate the parts and complete the project prior to SEBC. Teams must bring their own tools to finish any MINOR assembly (if needed) at SEBC.

## **Specifications**

1. The Workshop Islands are to be no larger than 4 foot by 8 foot in overall size, however, teams are allowed to embellish on the design so long as the Island fits in the back of a standard size pickup truck.
2. The Islands are to be completely finished including paint, trim and countertops. Teams will be judged on the creativity of the project. Design criteria is listed further in these materials.
3. **Each Project MUST have locking castor wheels suitable for transporting the Island off of the truck and to be rolled onto the show floor as well as for move out.**
4. All material processing must be performed by the team members using tools that would be available on a typical residential construction site. Computer Numerical Control (CNC) equipment may not be used.

## **Other Notes**

1. Teams are encouraged to select a theme for their design and incorporate that design into their project book.
2. Photos and/or videos are required to be part of the project book to showcase the step-by-step fabrication process at each stage of construction.

## **JUDGING**

A panel of professional builders and/or architects will be selected as judges prior to SEBC and will be provided with all of the drawings and specifications of the project. Each judge will score the written and oral presentations as well as the actual project itself based upon the criteria below.

	Possible Points
1. Working Drawings / Safety Plans	15
2. Labor & Materials Estimate	25
3. Quality of Project Workbook and Visual Materials (Photos/Videos)	25
4. Presentation	25
5. Themed Design	10

### Bonus Points:

Bonus Points can be awarded at the Judge's discretion for additional items such as window boxes, paint schemes, additional decorations and/or furniture, etc. Teams are encouraged to use their imagination and resources available to them to make their Outdoor Kitchen exceptional.

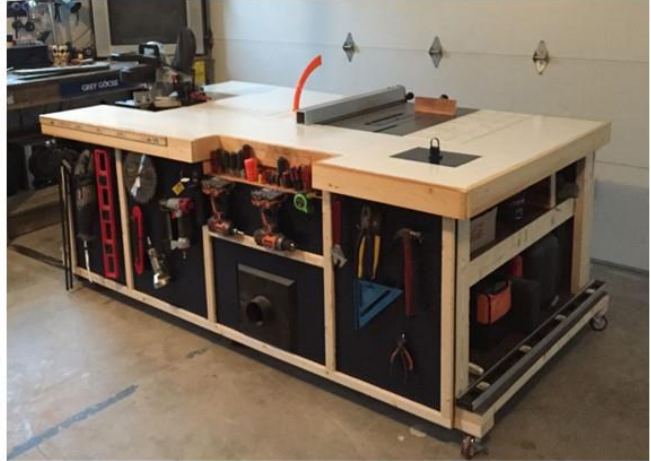
TOTAL BONUS POINTS AVAILABLE: 50

## **AWARDS**

1. Awards will be announced on Wednesday, July 24, 2025 at the FBA Booth.
2. Cash prizes will be awarded to teams who place 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup>.

## WORSHOP ISLAND POTENTIAL DESIGNS

4 Foot by 8 Foot Overall Size (CANNOT exceed this size—it must fit in a standard size pickup)



4x8 work table plans  
Height is adjustable to  
Fit user needs

