

2021 NBT Summer Manufacturing Camp Grant Application

Welcome and thank you for your interest in hosting a Nuts, Bolts & Thingamajigs summer manufacturing camp!

Please review the [Guidelines for Manufacturing Camp Directors](#) and submit your application no later than December 1, 2020 to request support for your 2021 summer manufacturing camp. Late applications will not be accepted.

Please Note: *A separate application must be completed for each camp being held at your school/institution. There's no limit on the number of camps you may hold. If the same camp is being held during two different weeks, that qualifies as two camps and two separate applications must be submitted.*

Please contact Dana Brown at dbrown@fmanet.org or 815-227-8205 with any questions.

Section I: Camp Information

Contact Information:

- School or Group Name _____
- Address _____
- Address 2 _____
- City _____
- State (e.g. IL) _____
- Zip _____
- County _____
- Main Telephone (xxx-xxx-xxxx) _____
- Web Address _____
- Main Contact Person _____
- Title _____
- Email Address _____

Direct Phone (xxx-xxx-xxxx) _____

Mobile Phone (xxx-xxx-xxxx) _____

Person Completing Application (*if different from above*):

Contact Name _____

Email Address _____

Direct Phone (xxx-xxx-xxxx) _____

Will the camp be held at the same address as listed above?

Yes

No

Location of camp

School or Institution Name _____

Address _____

Address2 _____

City _____

State _____

Zip _____

County _____

List and/or provide a link to your school's current manufacturing degrees or training programs:

List and/or provide a link to your school's entrepreneurship courses or programs, if applicable:

Section II: Grant Request

NBT grants are awarded according to a [tiered schedule](#).

My camp was canceled in 2020 due to COVID-19 and I plan to hold the same camp in 2021.

(If you answer yes to this question, please select the 'Type of Request' below that would have been applicable to your 2020 camp. For instance, if you would have had a Year 1 camp in 2020, please select Year 1 below.)

Yes

No

Type of Request:

Year 1 camp application - \$2,500

Year 2 camp application - \$1,500

Year 3 camp application - \$1,000

Affiliate camp application

How did you hear about Nuts, Bolts & Thingamajigs and summer manufacturing camp grants?

Previous Grant Recipient

PMMI

FMA or NBT Publications

Mailing/Email

Online/Web Search

From a Colleague _____

Section III: Proposed Camp Program

Proposed Camp Name:

Proposed camp name and/or focus, if known. If yet to be determined, indicate "TBD" in the space provided:

Projected Camp Dates:

Enter a projected start and end date for the camp. We understand that plans may change, so there will be an opportunity for grant recipients to change the camp dates when they submit the required marketing form within 30 days of the grant acceptance date.

Start Date (mm/dd/yyyy) _____

End Date (mm/dd/yyyy) _____

NBT recommends a minimum of 12 participants per camp. Can the camp facilities accommodate at least 12 students?

Yes

No

What is the maximum number of students the camp can adequately accommodate? _____

NBT recommends a minimum of 25 hours for a one-week camp or 45 hours for a two-week camp. Will your camp be able to meet those guidelines?

Yes

No

Estimated number of hours for camp activities per day: _____

NBT's target audience for summer manufacturing camps is girls and boys, ages 12-16. What will be the age range of your camp's participants? (Select all that apply)

11

12

13

- 14
- 15
- 16
- 17
- Other _____

NBT recommends that camps charge participants a minimum fee of \$59 for a one-week camp or \$99 for a two-week camp. What tuition fee will be charged to students?

Will your school or group provide scholarships or discounted camp fees to disadvantaged students?

- Yes
- No
- Not sure

What additional funding will be received or pursued, if any?

What are your goals for the proposed summer camp program? If there are specific learning objectives, please list them.

Provide a proposed schedule to outline what students will be learning and doing daily. **Please include details and/or ideas for projects students will make and take home:**

Section IV: Camp's Manufacturing Focus

What manufacturing processes does the school intend to introduce to students? Please check all that apply.

- Bending
- CAD/CAM
- CNC
- Cutting
- Drilling
- Electronics Technology
- Finishing
- Laser Processing
- Machining
- Mechatronics
- Painting
- Plastics Technology
- Programming
- Punching
- Robotics
- Shearing
- Stamping
- Welding
- 3-D Printing/Additive Mfg.
- Other _____

What shop equipment will be used during the camp?

NBT, through its partnership with SolidWorks, can provide a downloadable link for the student version of SolidWorks' CAD design software with 365-day trial licenses for use on students' personal computers. Will the school request this software?

Yes

No

Propose at least two community partners and/or local manufacturers with whom you will collaborate and/or tour:

Company Name 1 _____

Company Name 2 _____

Company Name 3 _____

Company Name 4 _____

Propose at least two local entrepreneurs or business leaders whom you would invite to camp as guest speakers. Please include their company names:

Proposed Speaker 1 _____

Speaker 1 Company Name _____

Proposed Speaker 2 _____

Speaker 2 Company Name _____

Manufacturing camps require significant promotion to recruit students. Please list your marketing strategies and other methods by which the camp will be promoted:

Section V: Statistical Data

NBT is interested in gathering statistical data to show the impact that summer manufacturing camps have on increasing the number of students enrolled in technical programs and pursuing a manufacturing career. Your help in responding to the following questions is critical to the success of the NBT camps program. Information is collected for tracking and reporting purposes only and will not affect your application for camp funding or support.

PLEASE NOTE: You will be asked to provide NBT with historical data on previous camp participants, their progress through your school's program, and their intended career path on the final camp evaluation report that you are required to submit within 30 days of the conclusion of your camp.

Do you register camp participants using your school's course registration system (i.e. would a student's camp attendance show on their permanent record)?

- Yes
- No

If no, how and where is campers' information kept and for how long?

Do you keep campers' parent/guardian contact information as well?

- Yes
- No

Does your school track internships/apprenticeships and employment placements for your technical program graduates?

- Yes
- No
- Not applicable

FOR INFORMATION ONLY: Camp hosts should be prepared to report the following demographic information on campers and their families (aggregate data to be provided to NBT in the final camp evaluation report submitted within 30 days of the conclusion of the camp). **Please consider adding these questions to your registration form so that you may report the numbers accurately:**

Gender:

Male

Female

Ethnicity:

Hispanic or Latino

Not Hispanic or Latino

Race:

American Indian or Alaska Native

Asian

Black or African American

Native Hawaiian or Other Pacific Islander

White

Family Income:

Above federal poverty level

At federal poverty level

Below federal poverty level

(Income level can be self-reported by parents or you may estimate based on the host school's area demographics.)

Section VI: Other Requirements

In addition to completing this application, NBT requires grant recipients to agree to the following guidelines. If your school is selected to receive a grant, you agree to:

1. **Complete a** marketing form within 30 days of notification of your grant. The marketing form helps NBT promote the camp and is crucial in preparing camp materials, such as the flyers and graphics for the t-shirts.
2. **Administer NBT online** pre- and post-camp surveys to participants. The pre-camp survey must be done on or prior to the first morning of camp and the post-camp survey must be completed prior to dismissing students on the last day of camp. The results will gauge the effectiveness of the camp approach to changing attitudes about manufacturing careers.
3. **Provide a full** camp **evaluation** and financial report within 30 days of the conclusion of your camp. The

evaluation is important to the camps program to show successes/areas for improvement and the financial report is critical for NBT recording.

4. **Provide NBT with tracking data on camp participants** on the Final Evaluation form.

Agreement and Electronic Signature:

If our application is approved to receive support from NBT for a summer manufacturing camp, we agree to adhere to the guidelines stated in this application.

Signature: _____

IMPORTANT NOTE: Upon submission of this application you will automatically see a summary of your responses. Please select the DOWNLOAD PDF button in the upper right corner to save a copy for your files.

Please contact Dana Brown at dbrown@fmanet.org or 815-227-8205 with any questions.