2023 NBT Summer Manufacturing Camp Grant Application
Deadline: December 1, 2022

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, 2022 to request support for your 2023 summer manufacturing camp. All applications will be reviewed in December and grant award recipients will be notified via email in early January 2023.

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 camp grants you may apply for. However, if the same camp is being held during two different weeks and / or reaching two different audiences, 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 / Organization Name ________________________________
- Address 1 ________________________________________________
- Address 2 ________________________________________________
- City ______________________________________________________
- State or Province (e.g. IL) __________________________________
- Postal Code ______________________________________________
- County __________________________________________________
- Country __________________________________________________
- Main Telephone __________________________________________
- Web Address ____________________________________________
- Main Contact Person ______________________________________
- Title ____________________________________________________
Email Address  ________________________________________________________________

Direct Phone (xxx-xxx-xxxx)  ______________________________________________________

Mobile Phone (xxx-xxx-xxxx)  ______________________________________________________

Person Completing Application (if same as above leave this section blank):

Contact Name  ________________________________________________________________

Title  ________________________________________________________________

School / Organization Name  ______________________________________________________

Email Address  ________________________________________________________________

Direct Phone (xxx-xxx-xxxx)  ______________________________________________________

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

Yes

No

If not, location of camp:

School / Institution Name  ______________________________________________________

Address 1  ________________________________________________________________

Address 2  ________________________________________________________________

City  ________________________________________________________________

State or Province  ________________________________________________________________

Postal Code  ________________________________________________________________

County  ________________________________________________________________

Country  ________________________________________________________________

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.

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 the Nuts, Bolts & Thingamajigs summer manufacturing camp grant program?

- Previous Grant Recipient
- FMA publications or NBT communications
- PMMI or another association
- Mailing / Email
- Online / Web Search
- From a Colleague

Section III: Proposed Camp Program

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 participants? (Select all that apply)

- 11
- 12
- 13
- 14
Please indicate the gender of students that will be participating in the camp:

- Male & Female
- Female Only
- Male Only

Please list the school district(s) your camp will serve and/or recruit camp participants from:

________________________________________________________________

Based on the school district(s) listed above, please estimate the percentage of students (i.e., prospective camp participants) that come from economically disadvantaged areas:

________________________________________________________________

NBT recommends that camps charge participants a minimum fee of $59 for a one-week camp or $99 for a two-week camp. What, if any, 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
NBT recommends that camp hosts identify at least 2 or 3 manufacturing employers and businesses in their local community who will agree to support the camp by providing a sponsorship, a plant tour, a guest speaker, and/or other service or material donations prior to completing this application.

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:

________________________________________________________________
________________________________________________________________
________________________________________________________________

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.

________________________________________________________________
________________________________________________________________
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

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

________________________________________________________________

________________________________________________________________

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 camp program. Information is collected for tracking and reporting purposes only and will not affect your application for camp funding or support.

PLEASE NOTE: If you are a previous camp host, 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 camp grant award winners 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?

____________________________________________________________________________________

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Do you collect campers’ parent/guardian contact information?

- 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, along with the camp’s staff and instructors (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. **Execute and return a copy of NBT’s Camp Grant Acceptance form** signed by a duly authorized representative of your organization.

2. **Complete a marketing form** within 30 days of notification of your grant. The marketing form helps NBT promote your camp on our website and is critical in helping us prepare camp materials such as customized camp t-shirts.

3. **Administer NBT online pre- and post-camp surveys** to participants. The pre-camp survey must be administered on the first day of camp and the post-camp survey must be administered 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.

4. **Provide a full camp evaluation and financial report** within 30 days of the conclusion of your camp. The evaluation is important to the camp program to show successes/areas for improvement and the financial report is critical for NBT recording.

5. **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 will 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.

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