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, 2019 to request support for your 2020 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 __________________________________________________________
- County _______________________________________________________
- State (e.g. IL) ________________________________________________
- Zip __________________________________________________________
- Main Telephone (xxx-xxx-xxxx) _________________________________
- Web Address __________________________________________________
- Camp Registration Website_______________________________________
- Main Contact Person __________________________________________
- Title _________________________________________________________
- Email Address _______________________________________________
Will the camp be held at the same address as listed above?

- Yes
- No

Location of camp

- School or Institution Name
- Address
- Address2
- City
- County
- State
- Zip

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 Nuts, Bolts & Thingamajigs and summer manufacturing camp grants?

- Previous Grant Recipient
- PMMI
- FMA or NBT Publications
- Mailing/Email
- Online/Web Search
- From a Colleague
- Other:

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
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:

_______________________________________________________________________
_______________________________________________________________________
_______________________________________________________________________
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.

1. Is identifying information on individual camp participants collected in your school's registration system?
   - Yes
   - No

   a. If yes, what information do you collect?
   ________________________________________________________________

   b. If yes, how long is the information kept on file?
   ________________________________________________________________

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

2. Does your school track an individual's history of attending your camps? For example, if a past welding camp participant enrolls in your school's welding program, will their camp attendance show on their permanent record? Please provide as much detail as possible:

   ________________________________________________________________
   ________________________________________________________________

3. Do you track employment placements on your technical program graduates?
   - Yes
   - No
4. If you have previously held an NBT summer camp, can you provide NBT with historical data on previous camp participants, their progress through your school's programs, and their intended career path?

- Yes
- No

5. Do you have any suggestions or recommendations for NBT in terms of data collection practices?

________________________________________________________________
________________________________________________________________
________________________________________________________________

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):

**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 V: 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.

Entering your first and last name below constitutes a legal signature confirming acknowledgment and agreement to the guidelines stated in this application.

- ○ First Name: ____________________________________________
- ○ Last Name: ____________________________________________

To be considered for a 2020 grant, please submit the online application no later than **December 1, 2019**. In fairness to all applicants, late or incomplete applications will not be considered.

Thank you for applying! We constantly strive to improve our processes and welcome any feedback that you would like to share:

__________________________________________________________________________________

**IMPORTANT NOTE:** To submit your application, click the Continue button below. You will not be able to make changes once you submit it. 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.