

mail to:  
**SUN Area Technical Institute**  
815 East Market Street  
New Berlin, PA 17855

**Summer Career Camps - June 10-13, 2019**

**Registration Deadline : May 17, 2019**

**Class Size is Limited—Register Early**

Enclose check or money order for \$25 made out to  
SUN Area Technical Institute

**PLEASE PRINT**

**Camp (Check One)**

Culinary Arts    Welding    Woodworking  
 Carpentry    Masonry    Metalworking  
 Robotics    Drones 101

**Student Information:**

Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Grade entering Fall 2019:(circle one) 7   8   9

Home School: \_\_\_\_\_

T-shirt size (adult sizes)   S   M   L   XL

Parent/Guardians Name: \_\_\_\_\_

Parent/Guardian Telephone #:

(   ) \_\_\_\_\_

E-Mail: \_\_\_\_\_

Call 570-966-1031 ext. 114 for additional information  
or E-mail: [info@sun-tech.org](mailto:info@sun-tech.org)

**DRONES 101**

**MASONRY**

**Parents!**

Let SUN Tech show your child career  
opportunities that will benefit them the  
rest of their lives!

**Woodworking**

**Students!**

It's never too early to start thinking about  
your future and the opportunities that are  
waiting for you.

**CARPENTRY**

**Culinary Arts**

**Robotics**

**Welding**

Creative Lasering and CNC Metalworking

**ENROLLMENT IS LIMITED!**

Applications accepted on a first-come, first-serve basis.



**Career  
Exploration  
Summer Camps  
2019**

**June 10th-13th**

**8:00 A.M - 12:00 P.M.**

For students entering  
7th, 8th or 9th Grade

**Culinary Arts  
Woodworking  
Carpentry  
Robotics  
Welding  
Masonry  
Drones 101**

**Tuition : \$25**

Pizza party on Thursday  
Each student will receive a  
Camp T-shirt

Check out our website for details  
and registration form or  
fill out the back and mail to  
register.

**[www.sun-tech.org](http://www.sun-tech.org)**

## Robotics

The focus of the **Robotics Camp** will be to learn basic terms, programming, and sound logic for assembling and designing a LEGO (snap together) Mindstorm NXT robot from a kit that will be provided to each student. Activities will build upon the completion of a Battlebot and each student will compete in a Battlebot challenge the last day of camp. Parents are invited Thursday to attend a pizza lunch and watch the competition.



## Welding

By enrolling in the **Welding Boot Camp** you can learn the skills needed to succeed in this challenging field. Tools, books, supplies and protective gear are provided for your use while enrolled in the class.

Welding Training will include: Safety, Safety, and more Safety!!! The GMAW process; Basic math concepts for welders; Welding techniques on various joints in all positions using ferrous metals; Basic welding information including common arc welding process descriptions.

Students will also learn how to design custom parts and cut them out using a CNC Plasma Cutter. All students will be taking their own specially designed project home on the last day.



### REGISTER EARLY

In order to give all students equal opportunity, past students may not take the same camp programs as in previous years.

## Culinary Arts

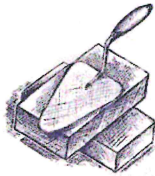
Students in the **Culinary Arts Camp** will learn basic measurement, safety and sanitation, recipe reading, and culinary and baking skills. Students will be exposed to different aspects of the kitchen work experience by creating different foods that they will be able to sample themselves and also take home to share with their families.



## Masonry

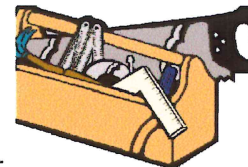
Students in the **Masonry Camp** will learn basic hand and power tool safety as well as tool identification. Students will be exposed to the various aspects of the Masonry trade like block laying, brick laying, tile setting, stone setting, and concrete work. Students will spend time working on

their own tile mosaic and pouring their own concrete project that they may take home with them. While in the Masonry Camp students will also focus on teamwork and responsibility.



## Carpentry

Students in the **Carpentry Camp** will learn basic hand and power tool safety and how to read a basic blueprint. Students will be exposed to the various aspects of building trades like framing, drywalling, masonry, plumbing and heating through tours of the facility and hands on activities. Students will spend the majority of their time in camp building a project that they will take home at the end of camp.



**SPACE IS LIMITED**

## Creative Lasering and CNC Metalworking

Using Mastercam software students will learn to create designs, select tools and choose cutting parameters to make a sign, mailbox topper or nameplate with the CNC (Computerized Numeric Control) machine. Laser engraving will be covered with the opportunity to customize cell phone covers and cut decals and other projects. Videos and discussions about manufacturing with an emphasis on precision metalworking will be explored.



## Woodworking

Woodworking is one of the earliest skills mankind developed. In this **Woodworking Camp** students will gain an understanding of how to shape and manipulate wood. Students will have the opportunity to work with a variety of woodworking tools from basic hand tools to our high-tech computerized woodworking tools (CNC machines). Students will gain confidence and be able to create and build a variety of wood projects during SUN Tech's woodworking summer camp.



## Drones 101

When students attend the SUN Technical Institute **Drones 101**(Unmanned Aircraft Systems) **Camp** they will learn some of the basic "rules for flying" recreational drones. Students will be introduced to career opportunities, types of UAS, FAA Part 107 safety rules and regulations, flying in controlled airspace and how weather affects flying. Students will learn to fly various flight patterns and maneuvers on LaTraxx Alias lightweight drones.

