



EXTENDED CAMPUS
SOONER FLIGHT ACADEMY
The UNIVERSITY of OKLAHOMA



Sooner Flight Academy **VIRTUAL SUMMER CAMP 2021 INFORMATION**

flightcamp.ou.edu

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DEAR CAMPER AND PARENTS,

Your exciting adventure at the SFA Virtual Summer camp is about to begin! Enclosed is important information that you and your parents will need to know. We are so happy you are going to be a part of this fun-filled camp, and we hope you will make new friends while reuniting with friends you made before at Sooner Flight Academy!

STEM is the game — science, technology, engineering and math is our aim! That's where we're headed in the SFA Virtual Summer Camp this June and July. Come join in the fun as we learn what makes things fly and bounce and move. Fun hands-on physics is our style, we'll Zoom together and learn and play for a while. Sooner Flight Academy — we've been working with kids for over 30 years — helping to inspire future pilots, scientists and engineers.

Each five-day virtual camp will give kids ages 6-18 the chance to explore the exciting world of aviation from the safety of their homes. SFA's Virtual Summer Camps will run from 10 a.m. to 3 p.m. Monday through Friday June 7 through Aug. 6. Each week of camp will serve a particular age group, some weeks two groups, featuring content specifically designed to engage campers at their learning level. Each day there will be two sessions of group interaction on Zoom meetings with time in between for self-directed activities with toys, kits and supplies included for camp registrants. Instructions, videos and content will be provided on the OU Canvas platform.

Campers will need access to a computer, smartphone or tablet with internet access, a webcam/camera, speakers and microphone. Also, the internet connection must allow for the streaming of videos/ live streams (in other words, you need a fast internet connection).

To access the OU Canvas platform, you will be sent an invitation to the site and you will use the same email address that you used to register for the camp (Please inform us if another email address will be used to access the Canvas platform). You will create a password and then have access to the camp for which your child is registered. Each day of camp will have a page to open where you will find that day's activities, videos, power points and lessons. See further details on page 6.

SFA will do its best to communicate how to access all the sites and information that will make each camper's experience a success. Kits, kites, planes and other supplies will be a part of your summer camp package, which will be either mailed or delivered to your home, depending on your location. A supply list of common household items and tools will also be needed for some activities; we ask you to gather those so they are ready for the day's fun.

A cockpit poster will come in the supplies to use as a background for your Zoom sessions if you like. Make sure to order the right size t-shirt for your student during registration. No exchanges will be possible. Your student can wear their t-shirt every day, but we ask that they wear it for sure on the Friday afternoon Zoom session as we will be having a virtual graduation!

Keep reading this handbook for more great information!

Blue skies and soft landings,
OU Sooner Flight Academy Staff

PAYMENT/CANCELLATION POLICY

Registration for virtual summer camps will open Monday, March 1, for the SFA Virtual Online Summer Camp sessions. No decision has been reached regarding onsite programs for summer.

Please register online at flightcamp.ou.edu. A nonrefundable registration fee of \$25 must be paid at time of registration.

There are two payment options:

OPTION 1

- Pay nonrefundable application fee.
- Pay in full – camp tuition.

OPTION 2

- Pay nonrefundable application fee.
- Apply for partial scholarship.
- If award is received it will be applied to balance.
- Remaining balance due by close of business May 28, 2021.

If you have not registered before, you must create a user account on the SFA website to register for camp. Add a camper first, then register the camper second. Scholarship application deadline is Saturday, May 1. Scholarship awards will be announced via email notification by May 15. An acceptance email must be received by May 21 for scholarship amount to be deducted from camp balance. Remainder of balance is due by end of business May 28. See page 3 for instructions on paying balance by phone or mail.

PAYMENT/CANCELLATION POLICY

Partial Scholarship Application Process

As part of registering your child for a summer camp, you will be given the opportunity to tell us if you wish to apply for a scholarship. You **MUST** complete your scholarship application as part of the registration process, so please have the following information prepared before beginning to register your child for a camp:

- Number of people in household
- Household adjusted gross income for last year (from your most recent tax forms)
- Description of family circumstances (why you are requesting scholarship assistance to pay for summer camp)
- A creative submission from the prospective camper

A creative submission can be an essay, video, poem, story, picture, diorama or other creative work that your child appears in or has created in which your child shows or tells the scholarship selection committee why they want to come to camp.

You **MUST** upload the creative submission as an attachment to your scholarship application during the registration process. You will not be allowed to complete the registration process or the scholarship application process until it has been attached.

Please be advised that you must fill out all required fields during registration — including the scholarship application if you're requesting a partial scholarship — in order to complete the registration process. You cannot save a partial registration or complete your registration at a later time, so please make sure you have all required information at hand when you start the registration process.

Scholarships are applied directly to your camp balance, and the parent or responsible party will be billed for the remainder of the balance. See page 2 for dates*** All remaining balances must be paid over the phone by credit card by calling (405) 325-6808 or by check mailed to our registration office at:

**OU Extended Campus Office of Admissions Registration and Records
1700 Asp Avenue, Room B-1
Norman, OK 73072-6400**

Please note we cannot accept online payments for balances due!

If you need to cancel after completing your registration for virtual summer camp, please send an email to flightcamp@ou.edu with that request or mail a written request to **Sooner Flight Academy, 1928 Goddard Ave., Norman, OK 73069**

Cancellation requests **MUST** be made in writing. You may be eligible for a refund (excluding \$25 registration fee) if you cancel seven days prior to camp. No refunds will be given for cancellations requested after the camp has started. Please allow four to six weeks to process any refunds.

NAVIGATION OF VIRTUAL SUMMER CAMP

Camper parents will receive an email for each camp's information and explicit instructions on the processes to access Zoom and Canvas.

10 a.m. — Morning Zoom Meeting. Computer required. Campers will receive an invitation to join each meeting with a code to be able to access the meeting.

All camp sessions will start each day with a Zoom meeting where SFA navigators will lead fun, interactive discussions and demonstrations with instructions for that day's activities. Campers will learn about each other, as well as the navigator, who will help the campers understand the science behind the fun, hands-on lessons.

Self-Directed Activity Time — Campers will use their parent's registration email address and set up a password to use the OU Canvas platform to access their lessons, instructions and videos to conduct their own hands-on activities (Please inform us at registration if another email address different from the email used for registration will be used to access the Canvas platform).

Sooner Flight Academy supplies and tools will be provided to the camper, which will include kits, kites, rockets and worksheets. These will either be delivered by SFA or shipped, depending upon the camper's address. Common household supplies and tools will need to be provided by the camper's household.

SFA will send a supply list to each camper prior to the start of camp.

2 p.m. — Afternoon Zoom Meeting. Computer required.

Campers will reconvene for an hour of questions, show and tell and discussion to wrap up that day with fun conversation. Smaller breakout sessions will occur so that each child receives more time with the navigator and a smaller group of campers.

Zoom meetings will be recorded so they can be watched again.

Parents will need to encourage their camper to be courteous and display appropriate behavior during these sessions.

Campers will need access to a computer, smart phone or tablet with high-speed internet access, a webcam/camera, speakers and microphone.

These sessions will work best if the internet connection is fast and allows for livestreams.

VIRTUAL GRADUATION

Each camp will have a graduation ceremony during their Zoom session on Friday of their camp.

Attendance stars and certificates will be included in the camper's supplies from SFA.

The camper should wear their SFA camp t-shirt and any stars they already have.

We will have introductions and announcements, then we will call the campers names in alphabetical order telling how many years they have attended SFA. The parents can then pin their star and hand them their certificate. Special year anniversaries will be announced for five years, eight years and 10 years.

We will most certainly have a wonderful ceremony and make the campers feel special and appreciated.

You will have access to the material on Canvas for 30 days, and we hope the campers and parents enjoy their interaction with Sooner Flight Academy Virtual Summer Camp 2021!

CAMP DESCRIPTIONS

Campers will start their day at 10 a.m. by interacting with their camp navigator and fellow campers for approximately one hour via a live Zoom session. During this session, the camp navigator will introduce campers to that day's activities, conduct science demonstrations and offer guidance on self-directed projects.

Campers will have the opportunity to ask questions and contribute their knowledge during these sessions. All lessons and videos for the camp can be accessed through Canvas. This material will also guide the camper through how to use the supplies which are included in their SFA camp package. Some common household items and tools (not provided by SFA) will be needed in addition to the SFA camp package. A list of these items will be sent in advance of camp. Canvas material can be accessed 24 hours a day and will be available for 30 days after the camp session has ended.

Campers and navigators will meet up again at 2 p.m. and have another hour of interaction, going over that afternoon's activities and getting to know each other better. Break-out sessions will allow smaller group interaction and the ability for more focused discussion and demonstrations by the campers. A virtual graduation ceremony will take place on Friday at the 2 p.m. Zoom session.

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PENGUINS

Penguins is a five-day virtual online camp for children who are 6-7 years old by June 1. Bugs that Fly is the theme of the camp. Learn how things fly and what air is. Kites are a part of this fun, hands-on camp that includes rocket building, bug science and learning about aircraft weight and balance. Parts-of-the-plane fun will be learning about a bi-plane and so much more. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

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CARDINALS 1

Cardinals 1 is a five-day virtual online camp for children who are 8 years old by June 1. Weather is the theme of the camp. Learning about how the water cycle works with terrariums gets this camp going. Virtual pre-flights and parts-of-the-plane lessons will help these campers understand why pilots keep an eye on the weather. Rockets, windsocks and anemometers are just some of the hands-on fun these campers will enjoy. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

CAMP DESCRIPTIONS

What Campers Can Expect at Each Level – Each camp level has a different theme!

CARDINALS 2

Cardinals 2 is a five-day virtual online camp for children who are 9 years old by June 1. Electricity and Communication is the theme of this camp. Hands-on kits will help these campers learn what circuits do and what they need to work. Communication is explored with water waves to demonstrate how radio waves work to allow communication between pilots and the ATC towers. Exploring magnets and how a compass works helps campers learn about the earth and navigation. Many more hands-on activities will be a part of this fun camp. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

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CONDORS 1

Condors 1 is a five-day virtual online camp for children who are 10 years old by June 1. Space Science is the theme of this camp. The NASA's new Artemis space program is a feature of this camp, as well as looking at the shuttle program and space exploration's early years. Galileo's cannon and Bernoulli's stations will help the young astronauts to understand the physics that cause things to achieve flight and orbit around our wonderful planet. Toys in space will help to explore gravity and the lack thereof. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

CONDORS 2

Condors 2 is a five-day virtual online camp for children who are 11 years old by June 1. Aircraft Design is the theme of this camp. How and why aircraft are engineered and what type of materials are used are explored in this fun camp. Learning about how gyroscopes achieve stability and how they are part of aircraft instruments is a fascinating lesson with hands-on fun. Building a hovercraft kit, learning about Archimedes, building rockets and flying kites make this an engaging, fun camp. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

CAMP DESCRIPTIONS

FALCONS 1

Falcons 1 is a five-day virtual online camp for children who are 11 years old by June 1. Meteorology is the theme of this camp. These campers will meet a broadcast meteorologist who will share their love for the weather and how pilots need to be weather aware by learning about what generates wind, storms and lightning. Creating a tornado in a bottle will demonstrate the effects on structures. Building a weather station kit, building rockets and flying kites are just some of the many activities. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

FALCONS 2

Falcons 2 is a five-day virtual online camp for children who are 12 years old by June 1. Engineering is the theme of this camp. Hands-on activities and problem-solving initiatives keep the campers engaged by introducing them to a variety of career fields in aerospace, electrical engineering and mechanical engineering. Testing out the performance of their hand-crafted airfoil in a homemade windtunnel will be a duplication of some of the Wright Brothers experiments. Bernoulli's principles will be demonstrated in many of the activities, and Newton's laws of motion are always part of the fun with this camp. Kites, rockets and solar planes are just part of the fun science. Many of your toys/kits/supplies will be a part of your SFA package delivered to you.

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EAGLES 1

Eagles 1 camp is a five-day virtual online program for teens who are 14 years old and older by June 1 who have not attended Eagles 1. The theme for this camp is Aviation Leadership and Careers. Virtual field trips exploring the operations of the Max Westheimer Airport and Will Rogers World Airport is a great exposure to aviation careers. New this summer is our UAS-drone pilot feature. In their supplies, each camper will receive a small indoor quad-copter (drone) that will be used to explore the aerodynamics of flight. We will also explore the many career options and the current requirements to receive an operators license by the FAA. Competitions with the drones will be part of the fun that will be shared via Zoom camp sessions each day. Virtual pre-flights and sessions with an OU School of Aviation counselor will put campers in the know about future career possibilities.

EAGLES 2

Eagles 2 camp is a five-day virtual, online program for teens 15 years and older by June 1 who have attended Eagles 1 camp as a pre-requisite. The theme includes air traffic control and military aviation careers along with the patterns of flight for the Max Westheimer Airport. Each camper will receive a programmable drone to learn about the coding of missions, which will be another step in exploring the world of UAS aircraft and the career paths they can lead to. Introduction to the University of Oklahoma degree programs will be included for this group of older teens.

VIRTUAL SUMMER CAMP DATES, TIMES AND PRICES

Monday-Friday daily sessions include: 10-11 a.m. Zoom meeting; 11 a.m. - 2 p.m. self-directed activities using online OU Canvas platform with instructions, content and videos; 2-3 p.m. Zoom meeting. All Zoom meetings will be recorded to view on Canvas.

Only one session of each camp available.

CAMP NAME	COST	CAMP DATES
PENGUINS CAMP		
Penguins (<i>Age 6-7 as of June 1</i>)	\$300	June 7-11
CARDINALS CAMP		
Cardinals 1 (<i>Age 8 as of June 1</i>)	\$325	June 7-11
Cardinals 2 (<i>Age 9 as of June 1</i>)	\$325	June 14-18
CONDORS CAMP		
Condors 1 (<i>Age 10 as of June 1</i>)	\$350	June 21-25
Condors 2 (<i>Age 11 as of June 1</i>)	\$350	June 28-July 2
FALCONS CAMP		
Falcons 1 (<i>Age 12 as of June 1</i>)	\$350	July 12-16
Falcons 2 (<i>Age 13 as of June 1</i>)	\$350	July 19-23
EAGLES CAMP		
Eagles 1* (<i>Age 14-16 as of June 1</i>)	\$400	July 26-30
<i>*(pre-requisite to Eagles 2)</i>		
Eagles 2* (<i>Age 15-18 as of June 1</i>)		August 2-6
<i>*(must have previously attended Eagles 1)</i>	\$400	

Please see our payment and cancellation policy on page 2.



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