Air Force Services Activity Child and Youth Programs Space Camp
30 Jul - 4 Aug 17
HUNTSVILLE, AL
INFORMATION SHEET

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Air Force Services Activity Child and Youth Programs Space Camp is hosted by the US Space and Rocket Center. While at camp youth will have an opportunity to experience one of the following:

Space Academy (ages 12-14) - Launch on a complex simulated mission to the International Space Station or to the moon and build rockets. Trainees take a simulated walk on the moon in the 1/6th gravity chair and gain an understanding of what it's like to work in a frictionless environment in the manned maneuvering unit. Activities include Space Mission, Mars Mission, History of Space Exploration, Experiments on International Space Station, IMAX or Digital Movies, Astronaut Simulators and Rocket Construction and Launch. (32 campers)

Robotics Academy (ages 12-14) - Hone your skills in robot chassis design and building algorithms, remote control design and operations and aerial drone simulations. Activities include Robotics Design, Engineering, Robotics Competition, Teamwork, Teambuilding and Technology. The program incorporates real-world applications of science, technology, engineering and math (STEM). (16 campers)

Aviation Challenge Mach II (ages 12-14) - Fly head-to-head aviation simulations against another squadron, test your courage in our centrifuge and sharpen your leadership and teamwork skills during outdoor search and rescue missions. Activities include take-off and landing, teamwork, navigational training, air-to-ground training, air-to-air training, aerial combat missions, centrifuge simulator, flight physiology, Bernoulli's Principle, Newton's Laws of Motion, flight physiology and basic aircraft design. (16 campers)

Aviation Challenge (Pilot Track) (ages 15-18) - Learn real-world application of STEM principles as you fly pilot simulations, test your mettle in engineering design challenges, and tackle the high ropes course. Pilot Track includes aeronautic design, jet aircraft simulations and orbital mechanics. (8 campers)

SCUBA Diving (Mission Specialist Track) (ages 15-18) - Train for zero gravity in space. SCUBA dive in your underwater astronaut trainer. The Mission Specialist track includes space suit theory and design, space physiology and scuba spacewalk training. A physical is required prior to attending this track. Teen's primary physician must clear your teen for SCUBA diving. The documentation must show your teen meet the requirements to dive. (8 campers)

Date/Location: Space Camp will be held at the US Space and Rocket Center, Huntsville, AL.

OCONUS participants may arrive in Huntsville, AL on Saturday, 29 Jul 17 and depart on Friday, 4 Aug 17.

CONUS participants arrive in Huntsville, AL on Sunday, 30 Jul 17 and depart on Friday, 4 Aug 17.

Cost: Lodging, meals, and activity fees are centrally funded beginning upon arrival to Space Camp. **Airfare or POV travel costs and spending money are the responsibility of the attendee.**

Eligible Applicants: The applicant must meet the following requirements:

- A dependent of an AF Active Duty or Active Duty Military assigned to/living on/working on AF led installation, AF Retired, AF Civilian Employees, Air National Guard (ANG), or AF Reserve (AFR)
- Participants must have a valid picture ID (ex. military ID, driver's license, or school ID)
- Must have a minimum GPA of 2.8 (must provide documentation)
- Must be ages 12-14 to attend Space Academy, Robotics Academy, or Aviation Challenge Mach II
- Must be ages 15-18 to attend Advanced Space Academy (Choosing either Aviation Challenge or SCUBA)

Application Criteria: Complete the Space Camp Application Form (Atch 1)

Submission Instructions: Applications must be completed in their entirety to include a digital or wet ink signature. Applications should be labeled with first name and last name (ex. MichaelSmith.doc)

1. Submit completed application for verification to:
    a. AF active duty or active duty military assigned to an AF led installation, AF Retired, or AF Civilian Employee – submit to your Youth Programs Director
    b. AFR – submit to Kevin Hansen @ kevin.hansen.4@us.af.mil
    c. ANG – submit to Kimberly Bowman @ kimberly.bowman.2@us.af.mil
2. Verified application will be uploaded via myPers
3. AFSVA/SVPY must receive all completed applications by 18 May 17

Additional Information:

1. Weekly camp sessions run Sunday – Friday; participants will check in Sunday afternoon and graduate on Friday morning
2. A total of 80 participants will be selected.
3. Participants may not get their first choice as enrollment must be distributed evenly.
4. For additional information on each academy, please visit www.spacecamp.com.
5. Teens who choose SCUBA diving will have an additional medical evaluation form completed by their physician. This form will be provided by the Space Camp office.