

# NASA AT ECC

National Aeronautics and Space Administration

## APOLLO 50th ANNIVERSARY

From October 2018 through December 2022, NASA will mark the 50th anniversary of the Apollo Program that landed a dozen Americans on the Moon between July 1969 and December 1972. NASA has released an official logo for use in observing these milestone anniversaries.

Created by NASA graphic artist Matthew Skiles, the logo offers a nod to the past with a few elements borrowed from the original program emblem, and a glimpse into the future with a graphic depiction of NASA's vision for the next half-century of deep space exploration.



The arc through the word "Apollo" represents Earth's limb, or horizon, as seen from a spacecraft. It serves as a reminder of how the first views of Earth from the Moon—one of NASA's crowning achievements—forever transformed the way we see ourselves as human beings. It also affirms NASA's intention to continue pushing the boundaries of knowledge and delivering on the promise of American ingenuity and leadership in space.

The original Apollo emblem, adopted by the program in 1965, used drawings of the Moon and Earth linked by a double trajectory to portray President John F. Kennedy's goal of "putting a man on the moon and returning him safely to the earth" by the end of the 1960s. In a similar fashion, the Apollo 50th anniversary logo describes a contemporary goal, with images of the Moon and Mars flanking the first and second "O"s, respectively, and the phrase "Next Giant Leap" beneath the word "Apollo." Neil Armstrong declared his first step onto the lunar surface from the ladder of the Eagle lander on July 20, 1969, to be "one small step for a man, one giant leap for mankind." Today, NASA is working to return astronauts to the Moon to test technologies and techniques for the next giant leaps—challenging missions to Mars and other destinations in deep space.

The original emblem was a composite design derived from the ideas of NASA employees and contractor personnel. It featured the constellation Orion overlaid on a capital letter "A." The constellation was positioned so that its three central stars formed the bar in the initial for "Apollo." In the 50th anniversary logo, elements of the same star field recall the collective effort of some 400,000 people who worked on the Apollo Program—an 11-year series of 33 space flights including six that reached the lunar surface. The three central stars are repositioned diagonally beside "50" to emphasize the many sacrifices made in pursuit of the lunar goal—especially the lives of Apollo 1 astronauts Virgil "Gus" Grissom, Ed White, and Roger Chaffee, who perished in a capsule fire during a test on the launch pad in January 1967.

The star field, like the rest of the anniversary logo, is set against a blue nebula as an acknowledgement that human footprints on distant worlds is not too big a dream, and a confirmation that NASA already is working toward that goal.

For more information about Apollo's 50th anniversary and NASA's plan for the future, visit:  
<http://www.nasa.gov/apollo50>

www.nasa.gov

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**First Meeting Thursday, November 2<sup>nd</sup> at 2:30 P.M. EST in ROOM 3410**  
**Second Meeting on Thursday, November 9<sup>th</sup> at 8:00 P.M. EST ON ZOOM**  
**Meeting ID: 925 9566 7091, Passcode: 122320**

**ESSEX COUNTY COLLEGE STUDENTS FIRST**

**SPACE Club invites you to NASA-ECC Program/ Meetings Schedule:**

1. Nov. 2<sup>nd</sup> 2:30 pm Room 3410
2. Nov 8<sup>th</sup> Zoom 8pm (see the link below)
3. Nov 16<sup>th</sup> 2:30 pm Room 3410
4. Nov 30<sup>th</sup> 2:30 pm Room 3410
5. Dec 5<sup>th</sup> Zoom 8pm
6. Dec 7<sup>th</sup> 2:30 pm Room 3410

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**Eligibility:**

- 1) US Citizens
- 2) 18 years or older
- 3) 9 credits of STEM courses
- 4) Attend a community college

ECC is one of two New Jersey community colleges, among six nationally, participating in National Aeronautics and Space Administration (NASA)'s newest education initiatives under National Community College Aerospace Scholars (NCAS) program. This initiative is for under-represented and minority students interested in the STEM (Science, Technology, Engineering, Math) majors in community colleges.

Students participate in a five-week online course, including discussions about the mission and vision of NASA, live video chats with NASA experts; and designing rovers that mimic conditions in Mars using lego cubes. Students completing the program spend four days that include networking with NASA scientists and engineers, building the future mars Rover, and developing presentations for competitive showcases to a panel of judges. Graduates have the opportunity to work with top scientists at NASA, obtain undergraduate NASA internships and scholarships, and secure careers in NASA SPACE Centers.