

Organization	2025 Program Description
NCSU Space Grant	The NASA/NC Space Grant is a state-wide network of NC higher education institutions, industries, government entities, educational programs, and nonprofit partners with NASA-related interests that work to promote space-related STEM research and public outreach across the state. Join NC Space Education Ambassadors at the Expo for hands-on space-themed STEM activities from NASA's STEM portfolio!
FSU Artificial Intelligence and Robotics for Space Exploration (MUREP)	The purpose of the technology display is to explain the importance of Artificial Intelligence to NASA's mission of space exploration and DoD's mission to deter war and ensure our nation's security. Mobile wheeled robots and drones will be on display, along with a monitor to play videos.
FSU Planetarium	The FSU Planetarium offers public shows, school field trips, a summer Space Camp and various outreach programs in STEM.
Fayetteville State University Geospatial Science	Geospatial Science and Technology, such as geographic information systems (GIS), satellite remote sensing, and drones, enables cutting-edge innovations that support the collection, organization, analysis, and visualization of geospatial data that are georeferenced to locations on the Earth's surface. The Geospatial Science and USGIF-accredited GEOINT programs at FSU provide students opportunities to engage in STEM activities, pursue scholarships and internships, participate and present research projects at conferences, mentor K-12 students, and more. Come to our booth and meet with geospatial faculty and students who are working on exciting research projects about flood management, upward social mobility, transportation infrastructure resiliency, ... that are funded by NASA, NSF, and NCDOT.
Fayetteville State University Cyber Security (CDHS & CERPAA)	Cybersecurity Certification Offerings at FSU. These are Non-College-Degree Accelerated Certifications in IT and Cybersecurity.
FTCC Sciences Dept.	The FTCC Associates of Science program of study will conduct outreach offering various demonstrations and information about the program.
JPL Ambassadors - Solar System Ambassadors	Join volunteer NASA JPL Solar System Ambassadors to learn about the celestial bodies overhead, phases of the moon, and more!

Ft. Liberty Robotics/EOD Team	
ETI Drones	Immerse yourself in cutting-edge technology as we unveil the wonders of drones, 3D printing, robotics, computer vision, and programming and coding kits. Engage in hands-on experiences that transcend traditional learning, allowing participants to delve into the realms of innovation and creativity. Our purpose is to ignite a passion for STEM, fostering awareness of the diverse career paths in technology. Join us in empowering the community with knowledge and inspiration!
Army Research Office	The Army Research Laboratory features student opportunities from the Army Educational Outreach Program, www.usaeop.com , National Defense Science and Engineering Graduate Fellowship, and SMART Scholarship programs for students from K to post doc. Please come see our booth to learn about summer programs and opportunities.
UNC-Pembroke Rocketry Team	The UNCP Rocket team is composed of students from the 3+2 Engineering program who build high-powered rockets and engineer solutions for competition challenges. The team participates in a number of NASA-sponsored competitions (Undergraduate Student Launch Initiative, First Nations Launch, Rock On!) and routinely brings home awards and prize money. The team is open to any undergraduate at UNCP and is an excellent way to gain valuable, real-world engineering experience.
Army Special Operations Museum	The ASOM will have hands on props available to showcase the over 80 years of innovation and history of our Airborne & Special Operations soldiers. Our mission is to engage, educate and inspire and we aim to do that with our display.
DoD STEM	Did you know that many everyday products were developed in Department of Defense (DoD) labs and facilities? Duct tape, Super Glue, GPS, and the microwave are just a few examples. And did you know that the DoD employs more STEM professionals than any other federal agency? There are 300,000 STEM professionals working in the DoD, including 60,000 who work every day in state-of-the-art DoD labs. Visit the DoD STEM booth to learn more about how you can pursue STEM in the DoD and what DoD opportunities are available to you right now!

Campbell University Engineering Dept	Come see Campbell Engineering's NASA Moon Rover, visit with our students, and make a fun squishy circuit! Learn about our hands-on, project-based approach to engineering and our NASA Human Exploration Rover Challenge Team!
Civil Air Patrols, Fayetteville Composite Squadron	Civil Air Patrol's Aerospace Education STEM Kit program provides STEM resources for hands-on, inquiry-based learning to educate the next generation STEM workforce. Come join us and experience our STEM kits in action which are used in classrooms across our great nation. Kits on display include: Flight and RC simulators, Robotic Arm, Hydraulics kit, Snaptricity, Astronomy, Geometry and Strawbees.
Douglas Byrd High School Green Academy	