SUMMER 2026 STEM CAMPS

Design it. Program it. Build it.

This summer, turn curiosity into action. NW Tucson Robotics Summer STEM Camps give students the opportunity to explore cutting-edge technology, build real projects, and discover exciting STEM pathways—all in a fun, supportive environment

Why Join?

- ✓ Hands-on learning
- ✓ Real-world STEM skills
- ✓ Creative problem-solving
- ✓ Take-home builds

01

📅 JUNE 8–12

⏰ 8:00 AM – 12:00 PM

Coding Camp: Python

Learn Python fundamentals through hands-on projects. Students will build real applications using object-oriented programming.

02

📅 JUNE 15–19

⏰ 8:00 AM – 12:00 PM

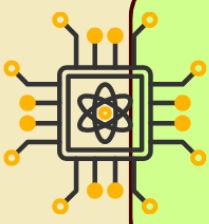
Electronics Camp

Learn electrical basics and microcircuits used in robotics. Includes a **take-home project.**

03

📅 JUNE 22–26

⏰ 8:00 AM – 12:00 PM



Design & Build Camp

Explore 3D modeling and 3D printing. **Create** and **print** your own **take-home design.**

REGISTER NOW

SPOTS ARE LIMITED

📍 **Location:** Desert Son Community Church, 5250 W Cortaro Farms Rd, Tucson 👥 **Ages:** 12–18

👨‍🏫 **Instructors:** John Kelly, John Harkey, Leigh Elkins

Register at: www.nwtucsonrobotics.org/summer_camps

Email: info@nwtucsonrobotics.org

MEET YOUR INSTRUCTORS

John Kelly

John Kelly retired from NASA in 2024 after a 36-year career, most recently serving as Deputy Chief of the Space Projects and Partnerships Branch at Armstrong Flight Research Center. He worked across flight systems, software, IT, and program management, with brief roles in commercial aerospace and at Mojave Air and Space Port.

He holds a B.S. in Aeronautical Engineering from Embry-Riddle and an MBA from the University of La Verne, and is an Associate Fellow of AIAA, a certified PMP, and a certified entry-level Python programmer.

John Harkey

Mr. Harkey earned a B.S. in Electrical Engineering from ASU (’81) and retired after a 41-year career as an electrical engineer. A longtime robotics enthusiast, he has designed and built robots that competed in national and international events.

He worked at Raytheon, Honeywell, and Lockheed Space Systems, designing electronics for missiles, aircraft systems, satellites, and a Space Shuttle payload. Early in his career, he also performed circuit analysis for the Hubble Space Telescope.

Leigh Elkins

Leigh Elkins, originally from Virginia, studied at Virginia Tech where she earned a bachelor’s degree in Engineering (Science and Mechanics) and a master’s in Technology Education, and completed internships with NASA Langley. She later taught Technology Education in Massachusetts before moving to Arizona with her husband, also an engineer, where they raised their two sons.

In Arizona, she homeschooled her children and has spent many years teaching and tutoring math, science, and computer science through co-ops and enrichment programs. She has also served as a mentor for the FIRST Tech Challenge team Testing is Optional for the past four years.