

ARIZONA YOUTH UNIVERSITY

S.T.E.M. CAMPS

AT THE UA TECH PARK

STEM Career Leadership Academy

This unique four week program provides students with an opportunity to explore various STEM careers and enhance their leadership abilities.

Week 1: Students will spend the first week exploring various career opportunities in STEM and will have the opportunity to tour laboratories at the UA Tech Parks, including IBM, Arizona Center for Innovation and Darling Geomatics.

Week 2: Students will complete the YMCA's renowned Leadership in Training (LIT) program.

Weeks 3 & 4: Students will put their STEM knowledge and leadership skills into practice by supporting Robotics and YMCA staff with planning, organizing and leading STEM activities for children in grades 5-8. **Designed as a four-week program.**

DATES: June 6 - July 1 (Mon-Fri)
8 a.m. – 5 p.m.*

COST: \$300 for the four week program

GRADE: 9 or 10**

Bioengineering Bootcamp

Explore the basics of bioengineering! Through hands-on activities, students will learn about how bioengineers combine their knowledge of biology, chemistry and engineering to create solutions to help people live healthier lives. To round out the STEM camp day, students will participate in a YMCA half day program of physical activity and hands-on building projects. This program is designed for students with limited exposure to engineering design. **Designed as a two-week program. Students may choose to attend Week 1 only OR Weeks 1 & 2, but may not skip week 1 and enroll in Week 2.**

DATES: June 6 - 17 (Mon - Fri)
8 a.m. – 5 p.m.*

GRADE: Group A – Grades 4-6**
Group B – Grades 7-8**

COST: \$200 for Week 1 ONLY
(June 6 - 10)
\$400 for Weeks 1 & 2
(June 6 - 17, Mon-Fri)

Robotics 101

Robotics 101 provides students with a hands-on introduction to the exciting field of robotics! mechanical engineering and programming concepts will be covered throughout the course. This program is designed for students who have little to no prior experience in Robotics. **Designed as a two-week program. Students may choose to attend Week 1 only OR Weeks 1 & 2, but may not skip week 1 and enroll in Week 2.**

DATES: June 20 - July 1 (Mon-Fri)
8 a.m. – 5 p.m.*

GRADE: Group A – Grades 4-6**
Group B – Grades 7-8**

COST: \$200 for Week 1 ONLY
(June 20 -24)
\$400 for Weeks 1 & 2
(June 20 - July 1, Mon-Fri)

If cost is a barrier to your child attending these programs, financial assistance is available. Please email charlieb@tucsonymca.org for more information.

*Students need to bring a sack lunch

**Grade level refers to grade child will enter fall 2016

For more info, visit:
ayu.arizona.edu

