
ASU Prep Digital is a customized learning opportunity integrating online high school with over 100 university courses in undergraduate majors at Arizona State University.

With ASU’s me3® mobile app integrated into curriculum, ASU Prep Digital students chart academic pathways from high school, through college to a career, based on their interests and passions. Download me3® for free from the Apple App Store and Google Play and explore your interests, your options, your future.

asu.edu/me3 | asuprep.asu.edu
Welcome to ASU Open Door, the annual open house

Listed in this program are the activities hosted by ASU’s colleges, schools, programs and student groups, providing guests with a sampling of the most innovative university in the nation.

There is something for everyone. ASU Open Door is an opportunity for visitors of all ages to participate in hands-on activities, explore laboratories and innovative learning spaces, and speak directly to the faculty, staff and students that make ASU such a special place.

So come in and look around.

Each of ASU’s campuses have a unique identity and we invite you to visit all of our campus locations.

Note to guests:
- All activities operate from 1 to 5 p.m. unless otherwise noted in the program.
- Parking is free for ASU Open Door visitors in select ASU parking lots and structures. See program map, ASU Open Door app or website for locations and details.
- Public restrooms are available in all ASU buildings.
- Need assistance? Look for the volunteers with the “Ask Me!” signs or stop by the registration booth.
- Lost Child? Go to the nearest Registration booth.

Attend all ASU Open Door 2019 events

Polytechnic: Saturday, Feb. 2, 1–5 p.m.
Downtown Phoenix: Saturday Feb. 9, 1–5 p.m.
West: Saturday, Feb. 16, 1–5 p.m.
Tempe: Saturday, Feb. 23, 1–6 p.m.

Solar Amusement Park
Outdoors, Backus Mall (Northeast of Building)
Students are introduced to the world of creative engineering product design. Students choose a theme park ride that they want to build that is run ONLY by a solar panel and simple motor. As students begin by defining the problem, they learn to recognize the need, identify a target population, relate to the project and identify its requirements and constraints. They then create and test prototypes, and re-design to optimize their solutions.

Host: Tonto Creek Camp

STEAM Machine
Outdoors, Backus Mall (Northeast of Building)
Students will work individually or as teams to build a machine based on Rube Goldberg chain reaction. The STEAM Machine is built all out of duct tape, PVC, mouse traps, wood, dominos, etc. Prizes awarded for completion of the task. The engineering design process allows students to interconnect science, technology, engineering, arts and math (STEAM) concepts to transform simple ideas and materials into complex multi-disciplinary systems. These machines create a unique opportunity for developing hands-on learning activities that promotes an understanding of teamwork and the engineering design process.

Host: Tonto Creek Camp

Meet a Robot Who Wants to Play
Outdoors, Backus Mall (Northeast of Building)
Join Mary Lou Fulton Teachers College as we spark imaginations and inspire tomorrow’s educators — with robots. Guide a Sphero robot through an obstacle course, learn to program it and experience the power of deep play.

Host: Mary Lou Fulton Teachers College

Small-Scale Formula Electric Design
Outdoors, West Courtyard
Come see some of the engineering concepts involved in designing an electric racecar applied to a small-scale remote controller car. Control the car using Bluetooth software and see the real-time data collection on a laptop displaying acceleration, obstacle detection and cardinal orientation of the vehicle.

Host: Sun Devil Motorsports - Formula Electric
**Academic Center (continued)**

**Buttons and Bookmarks @ Poly Library**
**Lower Level, Library**
Ever wonder how a button is made? Well, you can find out by making one of your own at the Polytechnic Library! You can choose from pre-made graphics or create your own design, then use the tool to complete the button. There will also be an opportunity to create your own owl bookmark. While you’re there, take a moment to wander around the library to check out the photographic artistry of both Jim Fike and the ASU Photography Club.

**Host:** ASU Library

- Elementary school & under • Art/Design

**Design4U with AISSS**
**Lower Level, Room 81**
Visitors will learn about American Indian Student Support Services programs and engage in a hands-on jewelry making activity!

**Host:** American Indian Student Support Services

- High school & up • Culture/Language

**Minute to Win It with Barrett, the Honors College**
**First Floor, Suite 145**
Do you watch television game shows and think to yourself, “I could do that?” Well now is your chance! Join Barrett, The Honors College for Minute to Win It, based on the highly popular NBC TV game show. The aim of the game is to perform several tasks with simple, household items. Each one of these “Minute To Win It” games is a classic and will encourage participants to think creatively - making for great entertainment for kids and parents alike!

**Host:** Barrett, The Honors College

- Middle school • Student Life

**Agribusiness Center (AGBC)**

**Balloon Animal Artist**
**First Floor, Lobby**
Aliens, animals and more... Please come by and receive a fantastic balloon model by the wonderful balloon artists.

**Host:** W. P. Carey School of Business and the Morrison School of Agribusiness

- Elementary school & under • Business

**Applied Biological Sciences**
**First Floor, Room 122**
Are you fascinated by reptiles? Well come see some live ones! Learn all about the current ABS research and undergraduate projects happening at the Polytechnic campus.

**Host:** College of Integrative Sciences and Arts

- Elementary school & under • Natural Science

**Peralta Hall (PRLTA)**

**Software Engineering in Your Everyday Life**
**Second Floor, Room 145**
Come and learn how Software Engineering influences your daily life and where it’s hidden. Visitors can discover different places where Software Engineering is a part of our life. You can see, interact, test and change a variety of example projects to get a special glimpse inside this fascinating Software Engineering realm: Make things move, make a light come on with your body heat, change websites... all done through software.

**Host:** Software Engineering

- High school & up • Engineering

**Santan Hall (SANTN)**

**Keep Calm and Psych On**
**First Floor, Room 122**
Have you ever wondered why you hate eating vegetables? You may be a supertaster! Enter the world of psychology as we conduct cool taste experiments (where lemons will taste like lemonade, sugar will taste like sand, etc.), and demonstrate some client-counselor interactions. Psychology has an impact on every aspect of our lives so come join us and discover the fascinating world of the mind and behavior!

**Host:** College of Integrative Sciences and Arts

- Middle school • Social Science

**Play the InfoTech Game!**
**First Floor, Room 135**
Learn about Information Technology through playing the InfoTech Game! Help the data packet go over the network and reach the big data center while using security shields to avoid hacker attacks! Designed for middle and elementary school age groups, but all age groups are welcome!

**Host:** Information Technology Program (IFT)

- Middle school • Engineering

**Biology: The Living World**
**Second Floor, Room 201**
Are you fascinated by animals and plants? Come check out our collection of live animals and skeletal animal remains. Learn more about butterfly development and diversity. You can also become Jack and plant your beanstalk to take home and watch grow!

**Host:** College of Integrative Sciences and Arts

- Elementary school & under • Natural Science
**Human Anatomy**
Second Floor, Room 202

Have you ever wondered what’s inside your body? Come view preserved animal organs plus interactive 3D models of the human eye, heart and inner ear. Put your knowledge to the test with our skull races! Be the fastest in your group to put together a model skull!

*Host: College of Integrative Sciences and Arts*
- Elementary school & under • Natural Science

**Sling Shot into Space**
Second Floor, Room 210

Have you ever wondered how far and how fast a rocket can fly? With the help of our physics instructors, have fun building a model rocket, launch and learn the physics behind it as you compete against a friend! Join us to see how far and how fast your rocket can fly! There will be prizes for the winners!

*Host: College of Integrative Sciences and Arts*
- Elementary school & under • Natural Science

**Fun with Chemistry**
Second Floor, Room 211

Filling up a balloon with your mouth is boring! Come and see how a scientist does it with a chemical reaction. You can also make your own Alka-Seltzer® lava lamp. Finally, you’ll be able to use chromatography techniques to separate the dyes in Sharpie pens and create a colorful art piece to take home!

*Host: College of Integrative Sciences and Arts*
- Elementary school & under • Natural Science

**Experience ASU Online Through Augmented Reality**
Second Floor, Room 220

ASU Online will share an augmented reality experience to show participants some of the innovations ASU is employing to deliver a premium online college experience. The experience will offer a unique perspective into a day in the life of our online students - showcasing the relationships and technologies that are the foundation of all of our programs.

*Host: EdPlus at ASU*
- High school & up • Student Life

**Technology Center (TECH)**

**Wheel of Destiny**
First Floor, Atrium

Spin the Wheel of Destiny to discover which of our 25 disciplines within the Fulton Schools of Engineering is right for you! Meet members of the Fulton Schools Recruitment team to learn how you can join our programs!

*Host: Academic & Student Affairs, Recruitment*
- High school & up • Engineering

**High Speed & Hot**
First Floor, Room 111

What if you could see temperatures of the world around you? What if you could capture multiple high speed images in one exposure? Come see demonstrations of stroboscopic photography and thermal imaging in the GIT Commercial Photography Studio!

*Host: Graphic Information Technology*
- Middle school • Art/Design

**BOOM! POW! PRINT!**
First Floor, Rooms 114, 115, 118

Stop by ASU’s Print and Imaging Lab for a SUPER time learning about how all of our innovative machines work. During your visit, you’ll get to collect awesome heroic gear made right before your very eyes, like masks, coloring books and even some limited-edition trading cards. Don’t forget to show off your powers at the photo booth station!

*Host: Print and Imaging Lab*
- Middle school • Engineering

**Soft Robotics (Lab Open Doors)**
First Floor, Room 183

The ASU Bio-Inspired Mechatronics Lab is a multidisciplinary laboratory that focuses on research and development of biologically inspired mechatronic technologies. Our current focus is to discover engineering principles and designs that will guide the development of entirely new approaches for wearable assistive devices and soft robotics with the goal to transform patient care and human activity. Stop by for demonstrations from our graduate students.

*Host: Bio-Inspired Mechatronics Lab*
- High school & up • Engineering

**Co-Extrusion of Various Particles**
First Floor, Innovation Hub

Co-axial extrusion of PMMA infused TiO2 particles using 3D printed nozzle. This activity will help to teach about co-extrusion of two particles and create a new filament which will have different physical and chemical properties and will be used for various application.

*Host: The Polytechnic School*
- High school & up • Sustainability
Applied Arts Pavilion (AAPAV)

A Night of “That’s Entertainment!”
Outdoors, Amphitheater
Led by faculty member James Barnard, this activity will consist of an open rehearsal for a new comedy/mystery play written by one of our very own Poly students. We will also be premiering a trailer/preview of a feature film being produced and directed by Poly students, staff and faculty. It will be a wonderful afternoon showcasing the talents of our students!

Host: College of Integrative Sciences and Arts
• High school & up • Humanities

Century Hall (CNTRY)

Living the Res. Hall Life
w/ Popcorn, Snow Cones, and Tours
First Floor, Lobby & Group Study
University Housing will be providing popcorn, snow cones and tours of Century Hall to show guests what it is like to live like a college student at ASU. With tasty treats and tours lead by our University Housing student leaders, this will show case the first year residential college experience.

Host: University Housing
• High school & up • Student Life

Student Union (UNION)

Army ROTC Pull-Up Bars
Outdoors, West Lawn
The Sun Devil Battalion at ASU is one of the premier Army Reserve Officer’s Training Corps (ROTC) programs in the country. We will showcase all of the exciting opportunities that our Cadets take advantage of on the road to becoming outstanding Army officers. Children can enjoy face painting, pull-up competition, football toss and much more. High school students and their parents can learn about scholarship opportunities, extracurricular activities, officer career choices and cultural programs that are available to our Cadets. Stop by our display to find out more!

Host: Department of Military Science (Army ROTC)
• Elementary school & under • Social Science

The Real CSI!
Outdoors, West Lawn
Want to know some of the ways that Police Officers solve crimes? Come visit our fun booth to talk to officers and learn tools and techniques we use to put the evidence puzzle together to figure out who did it!

Host: ASU Police Department
• Elementary school & under • Social Science

Make a Keychain
First Floor, West Side
Do you LOVE ASU? Show everyone how much by making an “ASU #1” beaded keychain in the Student Union.

Host: Educational Outreach and Student Services/Student Engagement
• Elementary school & under • Student Life

ASU Open Door is featured on the ASU Events app!
Download today!
**SUSTAINABILITY solutions festival**
(re)imagine how we connect

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<th><strong>Sustainability Central</strong></th>
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**Sustainability Central**
First Floor, West Side
Come check out the 2019 Sustainability Solutions Festival! Partner organizations from around Arizona will be on hand to share the latest innovations in creating a better future for all. Learn about Arizona’s wildlife and discover ways you and your family can have a positive impact on our community.

**Host:** Sustainability Solutions Festival

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Can you create a sustainable future city? Future Builder introduces the three pillars of sustainability — society, economy and environment — and allows participants to consider the trade-offs associated with building different things, especially the high cost and relative scarcity of valuable resources.

**Host:** Sustainability Solutions Festival

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As part of our commitment to the communities we serve, SRP has partnered with Arizona State University to reward and celebrate sustainability solutions. Discover how SRP delivers more than water and power through an interactive museum display highlighting their partnership with ASU and families like yours. Learn how you can make changes in your home that will create a better future for all.

**Host:** Sustainability Solutions Festival

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You decide where our water should go! The Colorado River supplies water to seven states, including Arizona. In this interactive game, participants use marbles and tubes to allocate one of our most important and scarcest resources: fresh water. You get to decide how much water to send to farms, factories and homes. After completing this activity, you will be awarded a Water station recipe card. Collect all six recipe cards and you will be recognized as a Sustainability Super Hero and be awarded a prize pack!

**Host:** Sustainability Solutions Festival

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<th><strong>Creative Reinvention</strong></th>
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Can you guess what recycled material various items are made from? During this challenge, you will learn about the concept of a circular economy and see creative, clever and surprising examples of pre- and post-consumer recycling.

**Host:** Sustainability Solutions Festival

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You have the power to create a better world for all living things! Come and explore the many ways you can change your behavior and influence your community for the better.

**Host:** Sustainability Solutions Festival

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Human Systems Engineering Labs: CHART & XLab
First Floor, Room 167
Human Systems Engineering (HSE) combines engineering and psychology to design technology that works for real people. HSE classes and research span a wide variety of topics such as aviation, cybersecurity, healthcare, learning, product development, sports, teamwork, usability and more! Visit our labs to meet students and faculty in this exciting program! Visit CHART to learn about humans and robots working in teams together! Visit XLab to learn about state of the art usability testing and sensors!

Host: Human Systems Engineering
- High school & up • Engineering

Human Systems Engineering Labs: Driving Simulator and More!
First Floor, Hallway
Human Systems Engineering (HSE) combines engineering and psychology to design technology that works for real people. HSE classes and research span a wide variety of topics such as aviation, cybersecurity, healthcare, learning, product development, sports, teamwork, usability and more! Visit our labs to meet students and faculty in this exciting program! Visit the Driving Simulator to learn about designing and testing car features for drivers and visit other nearby HSE labs to learn about educational technology, human-robot interaction and multitasking.

Host: Human Systems Engineering
- High school & up • Engineering

Aviation Programs Air Traffic Control and Radar Simulation
Second Floor, Rooms 225, 264
Ever wonder what it would be like to be an air traffic controller? Come find out at the ASU Aviation Programs air traffic control simulators! Visitors will experience air traffic control simulation of the Phoenix Sky Harbor International Airport and learn how air traffic controllers keep thousands of airplanes safe everyday.

Host: Arizona State University Aviation Programs
- High school & up • Engineering

Aviation Programs Flight Simulator Demonstration
First Floor, Rooms 139, 141, 144
Visitors will see demonstrations of flight in several types of flight simulators used to train pilots. Desktop flight simulators will be available for participants to use to learn how airplanes takeoff and land!

Host: Arizona State University Aviation Programs
- High school & up • Engineering

Sun Devil Racing
First Floor, Room 131
Come check out Sun Devil Racing, one of the many student organizations on the Polytechnic Campus! Feel free to ask members how to join the team.

Host: Sun Devil Racing
- High school & up • Engineering

Aircraft Structures Lab & Remote Controlled Simulation
First Floor, Room 125
Come join the ASU Aviation Programs in the aircraft structures lab to learn about aerodynamics and how remote controlled aircraft are built! Remote controlled aircraft and unmanned aerial system simulators will be available to try your hand at piloting.

Host: Arizona State University Aviation Programs
- High school & up • Engineering

Aircraft Jet Engine Laboratory
First Floor, Room 121
Come see jet engines at the ASU Aviation Programs Aircraft Powerplants Lab! Visitors will see and learn about different types of aircraft engines and their operation.

Host: Arizona State University Aviation Programs
- High school & up • Engineering

STEM Experience
First Floor, Entryway
ASU Preparatory Academy is an ASU high school right on the Polytechnic campus. Come walk in the footsteps of a student experimenting in the STEM Lab and put your science knowledge to the test. There will be prizes for the first 50 visitors!

Host: ASU Preparatory Academy
- High school & up • Natural Science

Air Powered Paper Rockets
Outdoors, Walkway
Do you like explosions? So do we, but they won’t let us do that. So let’s launch a rocket! Come see who can build the rocket that will go the highest with nothing but paper and tape.

Host: Rossum Rumblers Robotics
- Elementary school & under • Engineering

You checked ASU out. But have you checked in?

Checking in at ASU events like Open Door is just one of the easy ways to earn free ASU gear, tickets and more.

Don’t miss out, download today!

Sun Devil Rewards
sundevilrewards.asu.edu

You can download the Sun Devil Rewards app for your Apple or Android phone.
Enroll your grade 1-12 student today

Summer Academy
Enroll your grade 1-12 student today

Find your future here

Get the inside scoop on life as a Fulton Schools student
## Dining@Open Door

### Zone A

#### Technology Center (TECH)

**Pura Vida Grinds**  
1-5 p.m.  
Costa Rican coffee cart. Premium espresso drinks, hot or cold. Infused teas, lemonades, sodas and Costa Rican inspired chocolates and snacks.

#### Aravaipa Auditorium (ARAVA)

**Maui Wowi**  
1-5 p.m.  
Hawaiian Coffees and Smoothies.

### Zone B

#### Student Union (UNION)

**Subway**  
7 a.m.–10 p.m.  
Subway is the undisputed leader in fast, healthy food. Our easy-to-prepare sandwiches are made to order—right in front of the customer—using freshly baked breads, select sauces and a variety of delicious toppings.

**Starbucks**  
7 a.m.–10 p.m.  
Get your caffeine buzz on-demand at Starbucks. A full line of cappuccinos, espressos and iced coffee beverages await you.

#### Citrus Dining Pavilion (CITRS)

**Citrus Dining Pavilion**  
4:30–9 p.m.  
The all-you-care-to-eat restaurant has several stations that change menus for each meal period, daily. Enjoy a deli, full salad bar, grill, home cooking zone, made-to-order station and more.

**Poly Marketplace**  
10 a.m.–midnight  
Our very own on-campus mini market complete with snack, grocery and health and beauty items.