Arizona State University
NIGHT OF THE OPEN DOOR
Polytechnic campus
Welcome to Night of the Open Door, Arizona State University’s 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. Night of the 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 throughout the month of February.

Note to guests:

- All Activities operate from 4 to 9 p.m. unless otherwise noted in the program.
- Parking is free for Night of the Open Door visitors in select ASU parking lots and structures. See program map, Night of the 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.

Night of the Open Door is included in the Devils on College app!

Download today!

ASU Night of the Open Door is a Signature Event and ASU is a Foundational Partner of the Arizona SciTech Festival.
Arizona State University

NIGHT OF THE OPEN DOOR

Polytechnic campus
Friday, Feb. 17, 4–9 p.m.

ASU Night of the Open Door @ Polytechnic offers a behind the scenes look into ASU’s state-of-the-art labs and learning environments. Come experience flight simulators, air traffic control simulators, the wonders of algae, new-age cars, play classic video games, and enjoy dance and theater performances.

Attend Night of the Open Door at all five valley campuses

Downtown Phoenix: Friday, Feb. 3, 4–9 p.m.
West: Saturday, Feb. 11, 4–9 p.m.
Polytechnic: Friday, Feb. 17, 4–9 p.m.
Thunderbird: Saturday, Feb. 18, 4–8 p.m.
Tempe: Saturday, Feb. 25, 3–9 p.m.

opendoor.asu.edu • @ASUopendoor
Academic Center (CNTR)

Make Something @ Poly Library
Lower Level

Stop by the Polytechnic Library to build small structures and/or create your own story using story cubes. Prints provided by the ASU Photography Club will also be on display.

Host: ASUP Library Services

Home on Turtle Island: Reimagining Indian Country
Room 081

Join the American Indian Student Support Services for creative cultural activities surrounding Indian Country. Demystify stereotypes of indigenous communities and living conditions on Indian reservations - from urban settings like the Salt River Pima–Maricopa Indian Community to the open skies of rural Indian reserves. Build sustainable homes for different terrains. Help design future community plans. Thinking about “Home on Turtle Island,” draw what makes your home unique on a turtle silhouette.

Host: American Indian Student Support Services

Agribusiness Center (AGBC)

Follow the Orange
Lobby

The orange fruit is one of the most widely consumed fruits in the United States. Learn about the life of an orange by playing “Follow the Orange.” With each roll of the dice, players will discover the journey of an orange as it makes its way through the Agribusiness Center.
its way from the orange groves, into your local grocer, and then into your refrigerator. Yes, there’s more to just squeezing the juice out of that orange. By the end of the game, players will have completed a cool beaded bracelet, with beads reminding them of the process a orange goes through to get to us.

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

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**Balloon Artistry**

**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

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**Root Beer Taste Test**

**Lobby**

Hires? A&W? Shasta? Generic? Can you really tell the difference? Do you purchase only name brand items, or do you prefer the store brands? Participate in a root beer taste test and give us your opinion! Learn how food marketers use taste tests and experiments to determine consumers’ preferences while enjoying some refreshing root beer!

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

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**Elevator Pitching**

**Room 120**

Elevator Pitching—we teach you how to pitch to Angels, VC’s and potential employees.

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering

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**Computer Virus....YOU create one!!**

**Room 122**

Visitors will create and execute a computer virus in less than 30 seconds.

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering

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**Robotics is Coming to Our Life!**

**Room 179**

We are going to open the labs and demonstrate our research in robotics. We will introduce how those robotics can be used in real life. Some demonstrations and hands-on experiences will be given to the visitors.

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering

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**360 Video & Virtual Reality, Page 8**
Creative Reinvention
Guess what these things are made of! Participants will look at different images of everyday items and try to guess what the product was made of. During this game, participants will learn about the concept of a circular economy, and see creative, clever, and surprising examples of pre- and post-consumer recycling.

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

High Five for the Future
Make a pledge to the more sustainable world! Participants write down something they can do to support sustainability into the future. Parents can take a picture and share it on social media with the hashtag #high5future

My Community
Imagine a more sustainable neighborhood! With inspiration from images of places that have changed over time, participants draw their neighborhood and consider what they like about it and what they would add or change. This activity encourages participants to think about how to be sustainability change agents in their community.

Sustainability Solution: Goodwill of Central Arizona
When you donate or shop at Goodwill, you help support our mission of fighting unemployment in Arizona. Every year, tens of thousands of Arizonans connect to jobs with hundreds of local employers after visiting our no-cost career centers. Donating to Goodwill also helps the environment by diverting more than 100 million pounds of material out of Arizona landfills each year. Visit our booth to learn about what Goodwill is doing in your community and enjoy some fun activities such as a coloring station, basketball hoop, and great raffle prizes.

SRP Delivering More Than Power
Discover how SRP is delivering more than just power by using sustainable methods to keep our energy and water supply clean. While at the SRP booth, make sure to check out the museum display showing the impact a single water bottle has on our community.

Systems Scramble
One change can effect everything else! This activity has each participant represent one piece of a larger system. This allows them to embody and visualize how systems are interconnected and how one small change to one piece can impact the whole system.

Water Roll
You decide where the water should go! In this game, participants allocate one of our most important and scarcest resources: fresh water. They allocate “water” to farms, factories, and homes by rolling 10 marbles down a tube. Then, they have to decide what to do if a drought took away 30% of their water!
Chain Reaction STEAM Machines!
Room 231
Come and explore the art of engineering by building Rube Goldberg-style chain reaction machines!
Host: The Polytechnic School in the Ira A. Fulton Schools of Engineering

Rover Ride Along
Patio
Come ride with us on our two person Rover. One passenger at a time will be able to ride along with one of our club’s drivers. (Helmet must be worn.)
Host: Human Exploration Rover

Wheel of Destiny
First Floor
Learn about the different programs offered in the Ira A. Fulton Schools of Engineering, collect some Fulton Schools’ giveaways, and spin the “Wheel of Destiny” to find what your future engineering program will be!
Host: Engineering Student Outreach and Retention Program

Open a Door Into Science!
Rooms 103 & 107
Join the Mary Lou Fulton Teachers College for a jump into the fun and exciting world of hands-on science! From human sized bubbles to Slinky’s, these interactive and invigorating explorations into science will get everyone hyped to learn more and see the science all around.
Host: Mary Lou Fulton Teachers College

Biology: The Living World
Room 201
“Oh me, oh my, oh microbes!” - Explore the living world of microscopic organisms. Check out one-celled organisms too small to see with the naked eye! “Intriguing Invertebrates” - Crawlers, flyers, wigglers and swimmers. Investigate the curious group of animals that don’t have a backbone. “Sunflower Power and Plant Trivia” - Learn how to grow a GIANT sunflower from a tiny seed. Play the “Can you name that plant part?” trivia game. “Radical Reptiles” - Encounter real-life reptiles up close. “Liberty Wildlife Raptors” - Experts from Liberty Wildlife bring rescued birds of prey to visit.
Host: College of Integrative Sciences and Arts

Human Anatomy
Room 202
Come by for models of the human skeleton and muscular anatomy, microscopic views of cells, interactive 3D models of the eye, heart and inner
ear for young explorers, and preserved organ specimens (animal) for the older ones to observe.

**Host:** College of Integrative Sciences and Arts
- Natural Science

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**Hovercraft Race**

**Room 210**

Build a hovercraft and see if yours is the fastest one that can get from one end of the table to another! *Materials provided.

**Host:** College of Integrative Sciences and Arts
- Natural Science

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**Fun with Chemistry!**

**Room 211**

1) Chromatography - Separation of colors found in plants, such as spinach, is a process used by scientists to determine what vitamins they contain. You can perform this same experiment and create a colorful artwork to take home! 2)

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**Technology Center (TECH)**

**Video Magic @ the Make Media Lab**

**Room 104**

Come see some of the cool and magical things you can do with video!

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering
- Engineering

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**High Speed and Hot!**

**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

Make your own lava lamp! 3) Use a chemical reaction to fill up a balloon!

**Host:** College of Integrative Sciences and Arts
- Natural Science

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Technology Center (continued)

and thermal imaging in the Graphic Information Technology (GIT) Commercial Photography Studio!

**Host:** Polytechnic School of Graphic Information Technology Programs

- Art/Design

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### 360 Video and Virtual Reality

**Room 113**

Have you ever wanted to see what it is like to be on the field during a Sun Devil Football game? Or sitting in the cockpit of a professional flight simulator? Maybe you’d like to look around the Louvre? Come put on a VR headset and see our demonstration of 360 degree, or “spherical” video.

**Host:** Polytechnic School of Graphic Information Technology Programs

- Art/Design

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### Print Lab Star Tour

**Room 115**

Come join us at the Print Lab where you can create your own 3D light saber, make paper airplanes to fly, stickers, and more! Here you can see our state of the art printers for digital print and large format printing, as well as awesome bindery machinery. It’ll be a real hoot!

**Host:** Print & Imaging Lab

- Art/Design

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### Learn to Code!

**Room 169**

Learn to code! Parents and children alike can learn the basics of coding. Fun projects range from learning to program Star Wars droids to programming animals and other Minecraft creatures. No coding experience is necessary.

**Host:** Polytechnic School of Graphic Information Technology Programs

- Engineering

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### Foldable Robotics Demonstration at the IDEAlab!

**Room 180**

Learn how to design and make an origami-inspired robot using a laser cutter, cardboard, plastic, and low-cost electronics. Learn about the design tools we are building, how you might interact with designs in the future, and see a demonstration of the tools and equipment in the lab.

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering

- Engineering

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### Soft Robotics

**Room 183**

The softer side of robots: We open our Bio-Inspired Mechatronics Lab’s door. Come and see robots that are made of soft materials.

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering

- Engineering
Applied Arts Pavilion (AAPAV)

A Night of “That’s Entertainment!”
Black Box Theatre

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 night showcasing the talents of our students!

Host: College of Integrative Sciences and Arts

Century Hall (CNTRY)

Nine-Square
Century Hall Front Lawn

Imagine the playground game of 9 Square combined with volleyball for 9 players at a time. The result is an incredibly fun, fast-paced and addicting game for groups. It’s great indoors or outside.

Host: University Housing ASU Poly

Santa Catalina Hall (SANCA)

Get Psyched!
Room 130

Have you ever wondered why you hate eating vegetables? You may be a super-taster! Enter the world of psychology as we explore various visual illusions, conduct cool taste experiments, and demonstrate 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 & Arts

Explore, Learn and Connect
Room 135

Explore your interests, your options, your future. With me3®, ASU’s interactive online picture game, chart your academic pathway from high school through college while matching careers and majors to your interests and passions. If you’re ready to connect with your future, try me3® for free today: asu.edu/me3. Show us a screenshot of your top three careers at the Explore, Learn and Connect booth to receive a special gift! We’ll even have games and activities for the Future Sun Devils who aren’t in high school yet so they can discover careers that may interest them too.

Host: Outreach

Design a Website or App!
Room 157

Brainstorm, sketch and mockup your very own website or app using stencils and colored pencils.

Host: The Polytechnic School in the Ira A. Fulton Schools of Engineering

Superstition Review Literary Magazine Library Open House
Room 240M

For over 20 years we have been collecting copies of the top tier literary magazines from around the world. This is an opportunity to learn more about the field of literary publishing and consider
the literary journal as a physical object. Brief presentations will take place on the hour.

**Schedule:** 4:00 p.m., 5:00 p.m., 6:00 p.m., 7:00 p.m., 8:00 p.m., 9:00 p.m.

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

- Humanities

**Global Adventures with Peace Corps**

Cooley Ballroom A/B

This booth tests your world knowledge and provides a window to other cultures. Try on Ethiopian traditional dress and take a selfie in our international photo booth! Or learn how to greet a friend in another language. A special Peace Corps Week photo and video exhibit features ASU alumni highlighting host-country hospitality of the global communities they live in as US Peace Corps Volunteers.

**Host:** Career & Professional Development Center

- Culture/Language

**Energizing Pakistan**

Food Court

Join scholars from the U.S.-Pakistan Centers for Advanced Studies in Energy as they demonstrate how renewable energy can make an impact in the daily lives of Pakistanis. Take in a piece of Pakistani culture and bring the kids for games and activities as well. Join us! It may be electrifying.

**Host:** U.S.-Pakistan Centers for Advanced Studies in Energy

- Engineering

**Army ROTC Pull-Up Contest and Face Painting**

Outside, west side of building

The Sun Devil Battalion at Arizona State University is one of the premier Army Reserve Officer’s Training Corps (ROTC) programs in the country. We will be showcasing 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 can learn about scholarship options, extracurricular activities, officer career choices, and cultural programs that we have to offer. Stop by our display to find out more! For additional information, visit our website: http://militaryscience.asu.edu

**Host:** Military Science

- Social Science
as well as Jet engines. Additionally, the associated engine subsystems are taught such as ignition, fire detection, starting, oil, and bleed air systems. Please stop by and see the operating glass piston four stroke engine trainer as well as many different jet engine types on display. Many of these jet engines are cut-a-ways so the details can be observed.

Host: The Polytechnic School in the Ira A. Fulton Schools of Engineering

* Engineering

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**Radio Control Flight Simulator: Experience Flying a Radio Controlled Airplane**

**Room 125**

Fly a computer-based radio controlled flight simulator!

Host: The Polytechnic School in the Ira A. Fulton Schools of Engineering

* Engineering

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**Bomb Bot Basketball**

**Room 153**

Come make a Bomb Disposal Robot play Basketball!!

Host: Rossum Rumblers Robotics

* Engineering

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**The Future of Transportation - Envisioning a New World**

**Room 153**

Guest will draw their idea of the future of transportation to win a chance to have their idea 3-D printed

Host: AZLoop

* Engineering

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**Make Headlines and Earn Your Press Badge!**

**Room 161**

Earn your Junior Reporter Press Badge and learn how to interview people at this fun activity! The veteran journalists from the ASU Now team will teach students the basics of getting the facts and
putting together a headline and intro, and then participants will get to test their new skills with a variety of ASU experts as their subjects. After their interview, students will write it up on vintage typewriters and an editor will give it the OK. If they meet their “deadline,” students will walk away with their official ASU Now press badge!

**Schedule:**
4:00 p.m., 4:30 p.m., 5:00 p.m.,
5:30 p.m., 6:00 p.m., 6:30 p.m.,
7:00 p.m., 7:30 p.m., 8:00 p.m.,
8:30 p.m.

**Host:** ASU Now

- Culture/Language

### Watch the Baja race car zip through the rock garden!

**Lab 170**

Sun Devil Racing Development will be demonstrating their latest design of the SAE Baja race car as they drive through the very difficult “rock garden” just to the east of the SIM building. Team members will be displaying their unique components for the race car, all designed, fabricated and tested by the students here in the SIM building. Running the Baja car is very exciting to watch and the team members love to talk about the program so come on over and watch the action.

**Host:** The Polytechnic School in the Ira A. Fulton Schools of Engineering

- Engineering

### EcoCAR 3

**Room 171**

EcoCAR 3 is a four-year national competition. The challenge is to transform a 2016 Camaro into a hybrid vehicle. The Camaro, built by the EcoCar 3 team of ASU, will be on display for visitors to see.

**Host:** EcoCAR 3- Fulton Engineering Programs

- Engineering

### Shake hands with a robot in SIM 190!

**Room 190**

Come one, come all! Have you ever wanted to shake hands with a robot? Now is your chance! Journey over to room 190 in the ASU SIM building to learn about robotics, automation, and manufacturing. Our event features a “collaborative” robot arm designed to interact with people, and a can-crushing machine that you can run yourself! Our friendly staff will be answering questions about all of the incredible machines in the room, and we can’t wait to see you there.

**Host:** Industrial Automation and Robotics, Poly School Manufacturing Engineering

- Engineering

### Sun Devil Fitness Complex (SDFCP)

**The Trickiest Operation Yet! Wellness Suite**

Come and see what the “buzzing” is all about. Join Health Services to perform the trickiest of operations. Our activity will have you tickling your funny bone while trying to remove one! This isn’t just your classic operation, in our challenging and hysterical version you will have to overcome obstacles to heal your patient! May the scalpel be with you.

**Host:** Health Services @ Polytechnic

- Health & Wellness
Food Truck Alley
On Texas Avenue (Outdoors)
Enjoy dinner or a snack from the follow food trucks! Queso Good, Burgers Amore, Tom’s BBQ. There will also be tailgate games to enjoy while you are eating.

Citrus Dining Pavilion (CITRS)
Citrus Dining Pavilion
4:30–9 p.m.
First Floor
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. Opens at 4:30 p.m.

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

Subway
7 a.m.–10 p.m.
First Floor, south side of building
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.

Polytechnic Cafe
8 a.m.–7 p.m.
First Floor, west side of building
Poly Cafe offers a fast, grab & go dining solution for the Polytechnic Campus. Poly Cafe features Montague’s Deli, Java City Coffee, Bene Pizzeria, and Grille Works! Take it to go or dine in! Open until 7 p.m.
Welcome to ASU’s Night of the Open Door Passport to Sustainability. We invite you to explore the ASU Polytechnic campus and discover all sorts of activities and displays that relate to Sustainability through one or more of its three “pillars” – Economic Prosperity, Social Justice and Environmental Well-being. Each of these stations will help you learn how people like you are able to make lasting impacts within your home and throughout your community, making you a powerful change agent for our world.

You can become a Sustainability Superhero by completing this Passport with a stamp from each of sustainability pillars (at least three stamps total) from these locations listed below. Once you’ve completed the passport, come to Sustainability Central and receive a special edition patch declaring you a Sustainability Superhero!

**Passport Locations (Zone 1)**

**Social:**
- Sustainability
- Hero - High
- Five for the Future
  - Academic Center - Sustainability Central

**Economic:**
- Follow the Orange
  - Academic Center - Sustainability Central

**Environmental:**
- Print Lab Hoot!
  - Polytechnic Technology Center Room 115

**Social:**
- My Community
  - Academic Center - Sustainability Central

**Social:**
- Home on Turtle Island: Reimagining Indian Country
  - Academic Center - Room 081

**Economic:**
- Sustainability Solutions Goodwill of Central Arizona
  - Academic Center - Sustainability Central
Join us for other engaging Sustainability Solutions Festival events throughout February, including **Family Day at Arizona Science Center** (Feb. 20) and **Night of the Open Door** at the **ASU Tempe campus** (Feb. 25).

**Passport Locations (Zone 1)**

**Environmental:**
- SRP Delivering More than Power
  - Academic Center - Sustainability Central

**Economic:**
- Creative Reinvention
  - Academic Center - Sustainability Central

**Social:**
- Sustainability Hero - High Five for the Future
  - Academic Center - Sustainability Central

**Environmental:**
- Print Lab Hoot!
  - Polytechnic Technology Center Room 115

**Economic:**
- Sustainability Solutions Goodwill of Central Arizona
  - Academic Center - Sustainability Central

For details on these and all other Festival events, go to: [sustainabilityfestival.asu.edu](http://sustainabilityfestival.asu.edu)  #sustival

[@WSSlatASU](https://twitter.com/WSSlatASU)  [@ASU_Sustival](https://instagram.com/ASU_Sustival)

The Sustainability Solutions Festival is presented by:
For an unprecedented second straight year, Arizona State University has been recognized by U.S. News & World Report as the country’s “most innovative” school, ahead of No. 2 Stanford and No. 3 MIT. ASU is where students and faculty work with NASA to develop and advance innovations in space exploration. This is where Nobel laureates and Pulitzer Prize winners teach master learners. ASU’s nationally ranked programs inspire the top-qualified graduates, according to professional recruiters and rankings services around the world. This is where next-generation innovators learn to thrive.

Among the best-qualified graduates according to employers
—The Wall Street Journal

Among the best graduate schools in the U.S.
—U.S. News & World Report

Learn to thrive.
asu.edu
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