

Ignite Your Curiosity

AT EDISON STATE'S

STEMM EXPO

BREAKOUT SESSIONS

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ESCAPE THE PHYSICAL THERAPY GYM – PHYSICAL THERAPY ASSISTING

Work with a team to solve an escape-room challenge in the Physical Therapy lab. You'll take on balance and obstacle-course challenges, explore vision and stroke simulations, and design an exercise plan for a patient scenario.

SPONSOR: Edison State Community College — Physical Therapy Assisting

MED LAB TECH—IS IT FOR YOU?

Curious, observant, and always looking for answers? Explore how medical laboratory professionals examine the physical and chemical properties of urine samples to uncover clues about disease and help healthcare teams make diagnoses.

SPONSOR: Edison State Community College — Medical Laboratory Technician

WRITE CODE, CATCH BANANAS AND SAVE THE WORLD

A mischievous gorilla has stolen Code Monkey's bananas! Write simple lines of code to guide the monkey across the screen, meet helpful characters such as Trusty Turtle, and recover the missing fruit.

SPONSOR: Edison State Community College — Computer Information Systems (CIS)

BREW UP COFFEE LIKE A STAR!

Open a virtual coffee shop and see whether you can turn beans into profit. Make business decisions, manage your shop, and put your accounting skills to work.

SPONSOR: Edison State Community College — Accounting & Business

WHEN LIFE GIVES YOU LEMONS...MAKE LEMONADE!

Take charge of a virtual beachside lemonade stand. Set your strategy, make business decisions, and see whether you can turn lemons into profit.

SPONSOR: Edison State Community College — Accounting & Business

COPELAND: ENGINEERING A CLEANER FUTURE, ONE DROP AT A TIME

See how engineers create technology that uses less energy and reduces environmental impact. Through hands-on activities and demonstrations, you'll explore how engineering can conserve resources and make everyday systems smarter and more reliable.

SPONSOR: Copeland — Engineering

DESIGN AND ENGINEER YOUR PASTA TOWER TO HOLD ONE MARSHMALLOW

Race the clock to build the tallest spaghetti tower you can—with one marshmallow on top. Test your design, make adjustments, and see if your structure can stand on its own.

SPONSOR: Crown Equipment Corporation — Manufacturing and Engineering

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THE HONDA WAY - ENGINEERING AND MANUFACTURING

Learn how tooling and equipment are designed for vehicles that will be mass-produced. Then use LEGO pieces to explore how planning, consistency, and teamwork come together on a manufacturing line.

SPONSOR: Honda — Manufacturing Engineering

HONDA - ENGINEERING AND MAINTAINING A REWARDING CAREER

Explore why equipment service and engineering are essential to keeping Honda's operations running. Meet professionals in the field, work with robotics, and learn about career paths in this area.

SPONSOR: Honda — Equipment Service and Engineering

BRAVE THE WINTER WONDERLAND WITH MIDMARK

Can your team build a winter house strong enough to survive a blizzard? Use sugary holiday treats to create a sturdy foundation and roof, then put your design to the test against avalanches and structural stress.

SPONSOR: Midmark — Women in Engineering Committee

RACE AGAINST THE CYCLE TIME

A candy company's assembly line has gone down during the holiday rush, and your team has been hired to fix it. Use hydraulic syringe systems to produce gummy-bear prototypes, improve your cycle time, and prevent a sticky flash leak.

SPONSOR: Moriorku Technology North America — New Model Engineering

A DAY IN THE LIFE: STEP INTO THE NURSE'S SHOES

Step into the role of a nursing student during a simulated cardiac emergency. Assess the patient, work with your team, and see how nurses combine science, technology, critical thinking, and compassionate care.

SPONSOR: Edison State — Nursing

INTUBATION STATION

Practice two important respiratory care skills using medical manikins: placing an airway and performing CPR. You'll get a hands-on look at the work respiratory care professionals do.

SPONSOR: Edison State Community College — Respiratory Care

FUN WITH ROBOTS

See industrial robots in action as you watch one weld, learn the basics of robot programming, and play Tic-Tac-Toe against a robot.

SPONSOR: Edison State Community College — Engineering

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FROM CORN TO ICE CREAM—AGRICULTURE IS MORE THAN FARMING

Follow a kernel of corn from planting to the foods and products we use every day. Along the way, explore the science and technology behind agriculture—and finish with a sweet treat.

SPONSOR: Edison State Community College — Agriculture

"ROLL" INTO CREATIVE CODE

Curious about coding? Learn how to operate, drive, and program a Sphero Bot through hands-on challenges. These programmable robot balls make it easy to experiment, solve problems, and build confidence with code.

SPONSOR: OSU Miami County Extension — 4-H

"THE MISSING LAB RESULTS" ESCAPE ROOM

A set of important cancer-screening results has disappeared from the school's health sciences lab. Work with your team to recover encrypted files, interpret test results, and unlock the system before time runs out.

SPONSOR: Wayne HealthCare — Marketing

SURGICAL SLEUTH: MASTER THE MAZE AND UNWRAP THE MYSTERY

Step into the operating room and put your coordination to the test. Use a laparoscopic trainer to navigate a maze and remove objects, then tackle an unwrapping challenge that calls for patience, precision, and steady hands.

SPONSOR: Wayne HealthCare — Marketing

"TINY HUMANS, BIG RESPONSIBILITIES!"

Think caring for a baby is easy? Practice how to safely hold, soothe, feed, and change an infant—and learn what to do when things don't go as planned. Along the way, explore the health, science, and problem-solving skills involved in infant care.

SPONSOR: Wayne HealthCare — Marketing

JEDI TRAINING: BUILD YOUR OWN LED LIGHTSABER

Begin your Jedi training by building a glowing mini lightsaber to take home. Use LEDs, a simple circuit, and your creativity to bring your design to life—no previous experience needed.

SPONSOR: Edison State Community College — Education

CAN YOU SEE SOUND?

Have you ever wondered how your ears and brain make sense of sound—or whether sound can be seen? Make some noise, try hands-on activities, and connect what you discover to a career as a medical assistant.

SPONSOR: Edison State Community College — Medical Assistant Program

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EMS IN ACTION

Watch current EMS students respond to a simulated cardiac arrest. After the demonstration, talk with them about the decisions they made and what it's like to train and work as an EMT.

SPONSOR: Edison State Community College — EMS

INTRODUCTION TO LAW ENFORCEMENT CAREERS

Interested in a career in law enforcement? Explore the first steps toward the field and learn how Edison State can help you move forward. You'll also see law-enforcement equipment in action and try a few hands-on displays.

SPONSOR: Edison State Community College Police Department — Department of Public Safety

MAP YOUR FUTURE

Not sure where your interests could take you? Place a colored dot on the career pathway that interests you most and watch a visual map of the group's choices take shape. Compare your interests with other students and discover STEMM programs and career pathways you may want to explore further.

SPONSOR: Franklin University



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