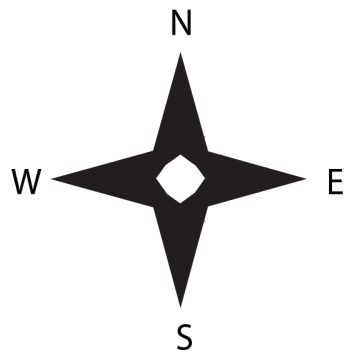


Parking Lot 9A:
Friday School
Bus Drop-Off
and Pickup

FAH



LSA

LIF

CHE

NES

BSF

SCA

NTA

ENA

PHY

REGISTRATION

ENG

Beard Garage
Event parking
on levels 3-8
(personal
vehicles only)

CUTR

ENB

EXPO
STORE

LUNCH TICKETS

ENC

Alumni Dr.

Collins Blvd.



Corporate

Exhibitor	Description	Zone
Mosaic	Learn about Florida phosphates by visiting the Mosaic Express, aka Big MoE.	1
National Aviation Academy	Come see our airplane display & learn about aircraft types.	1
Tampa Electric Company	Observe the engineering practices & principles that are used by our electric utility.	1
United States Air Force	Explore jet engines & our interactive display.	1
Florida Advanced Technological Education Center	Developing the Technical Education System in Florida	2
Honeywell Aerospace	FIRST FRC Team 79 Robot Demonstration	2
Lockheed Martin	View our unmanned, model aircraft.	2
MWH	Discover the subsurface geology of Tampa Electric Company's 8,000 foot deep injection well located in Polk County.	2
Raytheon	Let Raytheon engineers help you understand how math & science can relate to solving real-world problems.	2
Tampa Electric Company	Observe the engineering practices & principles that are used by our electric utility.	2
Busch Gardens	Learn about Physics Day at Busch Gardens.	3
Florida Concrete & Products Association	Visit our concrete truck & observe how concrete is made.	3
Florida Industrial & Phosphate Research Institute	Learn about activities, curriculum, & resources for Florida teachers.	3
Florida Virtual School	Come & experience what online education is all about.	3
MOSI	Sneak a peak into the new IdeaZone initiative.	3
Tampa Electric Company	Observe the engineering practices & principles that are used by our electric utility.	3
The Pampered Chef	Witness how science & engineering improves your kitchen.	3
United States Air Force	Explore jet engines using our interactive display.	3

Shows

Exhibitor	Description	Zone
Electrathon of Tampa Bay	Come see student-made electric cars race! Race times: 10am & 1pm, Sat. only.	1
Robotics Interest Group	See our remotely operated fighting robots on both days! Robot fighting competition Sat. only.	1
Institute of Transportation Engineers	Come test your transportation knowledge & win some prizes! Game times: Every hour, on the hour.	2 - CUTR 102
WUSF Public Media	Learn how to create your own video games for the STEM Video Game Challenge!	2 - ENB 118
Society of Physics Students	See how cool physics is! Show times: Every hour, on the hour.	3 - PHY 141
X-Labs	Learn basic scientific principles with live experiments! Show times: Every hour, on the hour.	3 - ENA
Biomedical Engineering Society	Play Jeopardy the Biomedical Engineering way! Game times: Every hour, on the hour, except at 1pm.	4 - CHE 100
Institute of Electrical & Electronics Engineering	Don't miss the laser light show! Immerse yourself in the awesome world of Electrical Engineering. Show times: Every half hour, except at 12pm.	4 - CHE 111

Exhibits

Exhibitor	Description	Zone
American Society of Civil Engineers	Come check out the fun side of civil engineering.	1
American Society of Mechanical Engineers	Launch gummy bears with homemade levers.	1
Association of Computing Machinery	Play our PVC pipe game & learn about the basics of algorithms.	1
Electrathon Teams	Observe how engineering students design, build, & race electric cars. Fri. only.	1
Engineering College Council	Experience how engineers collaborate using Lego Mindstorm robots.	1
HCC Engineering Society	See our Quadcopter, Electrathon vehicle, & other renewable projects & DIY technologies.	1
McKeel Academy of Technology	FIRST Robotics Competition demonstration of LOGO MOTION robot.	1
Robotics Institute, McLane Middle School	Engineering the future with our student Robotics.	1
SkillsUSA	Build your own motor. (Ages 14-18 only please!)	1
Society of Automotive Engineers	Curious about Baja & Formula SAE race cars?	1
Society of Hispanic Professional Engineers	Skyscraper Challenge & Robotic Manipulator	1
Tau Beta Pi	Come see a water balloon-hurling catapult, spaghetti construction, & dry ice demonstrations.	1
Theta Tau	Build a catapult with us.	1
IEEE Computer Society	Learn about computers & play with our interactive game cubes.	2 - ENB 110
INFORMS/IEE - Industrial Engineers	Experience wireless sensor networks, participate in simulations, & play with legos.	2 - ENC 1005 & 2004
LogikLabs	Control our &riod Remote Controlled Car.	2 - ENB 110
SECME Water Bottle Rocketry	Design & build your own Water Bottle Rocket to launch, Fri. only.	2 - CUTR Lobby
Selmon Expressway - USF Balsa Wood Bridge Competition	Watch the balsa wood bridge crushing at 10:30am & then the awards ceremony at 1pm. Sat. only	2
University Film & Video Association@USF	A presentation about the science of 3D television & its growing use in the film industry.	2 - ENC 1002
Whitehatters Computer Security Club	Control a robot using your own body.	2 - ENB 110
American Society of Heating Refrigerating & Air Conditioning Engineers	Cool off while learning about the sciences of heating, refrigeration, & air-conditioning.	3
Bioengineering Academy of Buchanan Middle School	See our student-built robot demonstrations & interact with circuits.	3
Douglas Jamerson Elementary School Center for Math & Engineering	Construct your own polyhedron using toothpicks & gumdrops.	3
Engineering Living & Learning Community	Visit the ELLC Shipyard & build a boat.	3
Engineers Without Borders	See our human powered water pump & s& filter.	3
Florida Water Environment Association	Come see an interactive model that shows how water moves through a community.	3
Gaither High School Pre	Come & see our students' Balsa Bridge designs, & micro-	3

Engineering	controlled models.	
Geology Graduate Student Organization	Play with our seismometer while learning about the basic principles of seismicity & how geophysical equipment works.	3
Greco Pre-Engineering Academy	Come see our student work.	3
Green & Gold Guides	Take a tour of campus & learn about USF! Tours throughout the day.	3
Middleton High School Engineering Magnet	Come see student-constructed projects & activities, including a FIRST FTC Robot.	3
Society of Women Engineers	Learn about the engineering behind make-up & make your own lip gloss.	3
USF Student Government	Find out about Student Government's role at USF.	3
Young Middle Magnet Creative Science Centre STEM Team	Learn how Young Middle Magnet is problem-solving to engineer the future.	3
American Institute of Chemical Engineers	Enter the chemistry fun zone to engage in a wondrous assortment of chemistry demonstrations.	4
Engineers for a Sustainable World	Check out our water reservoir & homemade solar hot water heater.	4
EnvironMentors	Learn how to improve the scientific basis for environmental decision making.	4
Girl Scouts Troop 1243	Girl Scouts: Think! Design! Build! Inventors & Engineers	4
Keep Our School Beautiful	Promoting environmental stewardship throughout the community.	4
Mathematic Association of America	Gain a fun & exciting outlook on mathematics.	4
National Society of Black Engineers	Come fish for gold & make your own PlayDoh.	4

USF Labs & Departments

Exhibitor	Description	Zone
Karst Research Group	Learn about Karst Geology, research, & caving; the Florida side.	1
Center for Assistive, Rehabilitation & Robotics Technologies	View our technologies to increase independence for individuals with disabilities.	2 - N of CUTR
Center for Urban Transportation Research	Check out our driving study.	2 - N of CUTR
COMMAN lab	See our MATLAB simulation & wireless sensor demonstration.	2
Control Lab/EE Department	Tour the Control Laboratory of Electrical Engineering.	2 - ENB 236
VirtualMDLab	Learn about our lab & the design process.	2 - ENC 1005
Anthropology Department	Delve into the methods & applications of archaeological science.	3
Civil & Environmental Engineering Department	Learn about Civil & Environmental Engineering.	3
Department of Industrial & Management Systems Engineering	Tour our labs & see what we've been working on.	3
Engineering Student Services	Learn about how to best prepare for majoring in Engineering.	3
Ocular Neuroscience & Neuroengineering Lab	Come take a tour.	3
Patel School of Global Sustainability	Learn about the Sustain-A-Bull career pre-college summer program. Fri. only	3
Robot Perception & Action Lab	Participate in anatomy learning & testing with an interactive & immersive game on our on-body learning system.	3 - ENG 105
USF STEM Education Center	Learn about the Summer 2012 STEM Education Program for gifted high school students.	3