

# RIVERFRONT MUSEUM Engineering Day 2017

FEB 19 12-5 PM  
FREE DAY

Hands-on Activities, Exhibits, Demonstrations & Videos  
Talk to engineers & explore engineering careers with these groups:

- **ASCE (American Society of Civil Engineers)**  
*Bridge Bust Competition for Middle School (Grades 6-8)  
1:30 - 4:00 in the Giant Screen Theater*
- **ASM (American Society of Materials)**  
*continuous demonstrations on material structures and properties,  
metal processing and magnetism*
- **Caterpillar Inc.**  
*STEM demos & activities including: microgrid display featuring 8-ft.  
solar panel; solar toys to experiment with; designing and making your  
own metal-backed button; magnetic building toys*
- **CIRC (Central Illinois Robotics Club)**  
*get exposed to the world of hobby robotics and the local club that leads  
the way*
- **Dewberry**  
*hands-on interactive engineering activity to demonstrate basic  
engineering principles*
- **FIRST LEGO League**  
*teams show off their LEGO creations*
- **FIRST Robotics Team 1736**  
*learn about FIRST Robotics programs for ages 6-18 in the area; see the  
robot built by high school students; what a robotics competition looks  
like; try your hand out at some of our science experiments; and meet  
Rusty our mascot*
- **River City Labs**  
*makers, tinkers, hackers and general warranty voiders who enjoy  
teaching as much as learning; all curious minds welcome!*
- **SAE (Society of Automotive Engineers)**  
*interactive experiments from their "A World in Motion" program;  
information on engineering careers*
- **SWE (Society of Women Engineers)**  
*fun science experiments and lots of giveaways to take home; make  
your own art using Artbots, enjoy making trucks using K'nex, test your  
flying skills with rubber band helicopters, see a demo on 3D printing,  
and more*
- **Tau Beta Pi - Bradley Engineering Honor Society**  
*Bradley Engineering students lead miniature catapult-building  
activities*

## FREE ADMISSION & FREE ACTIVITIES!

No charge for Engineering Day activities; museum admissions on Feb 19 are generously sponsored by Peoria-area engineering professionals; see the back of this flyer for details.

Regular fee still applies for admission to Titanic: The Artifact Exhibition. Tickets available for purchase at the Ticket Desk in the Lobby.

Engineering Day activities can be found in the:

**Auditorium** - downstairs

**Lobby**

**River Classroom** - in the Illinois River Gallery

**Giant Screen Theater**



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Free Admission! Engineering Day activities and museum admissions are generously supported by the following engineering societies' local chapters and Peoria-area engineering firms. Join us in thanking them for encouraging young minds!

Caterpillar Inc.

American Society of Civil Engineers (ASCE)

American Society for Metals (ASM International)

Society of Automotive Engineers (SAE International)

Society of Women Engineers (SWE)

Amec Foster Wheeler

Environment & Infrastructure, Inc.

Austin Engineering Co., Inc.

Crawford, Murphy & Tilly, Inc.

Farnsworth Group, Inc.

Hanson Professional Services Inc.

Hutchison Engineering, Inc.

Maurer-Stutz, Inc.

Midwest Engineering Associates, Inc.

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DECA TEL

**FREE SCREENING\*** on the Giant Screen Theater at 4:15 & 5:15  
*\* must reserve seats at the Ticket Desk in the Lobby*

309.686.7000 | [www.peoriariverfrontmuseum.org](http://www.peoriariverfrontmuseum.org)  
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PEORIA  
**RIVERFRONT MUSEUM**