The Philadelphia Engineer

Founding Chapter 1934 – December 2026 issue

MATHCOUNTS®

Philadelphia Chapter Competition
Save the Date February 27 11am

MathCounts

Every week, National MathCounts releases a new multi-part problem related to a holiday, season, special event or cool STEM topic...completely for free!

Can YOU solve these 6th 7th 8th Grade problems?

Challenge for Week of November 16, 2026 - Fruit Fundraiser

Weston is participating in his school fundraiser by selling cases of fruit. He sold 4 cases of oranges and 2 cases of apples, and he collected a total of $128. If the price of a case of oranges is half the price of a case of apples, what is the cost of each case of apples?

Laurel, Mateo and Nasim are also participating in the fundraiser. Laurel sold 8 cases of strawberries and 6 cases of grapefruit and collected $340. Mateo sold 3 cases of strawberries and 2 cases of grapefruit and collected $120. How much did Nasim collect if he sold 7 cases of strawberries and 5 cases of grapefruit?

In the same fundraiser, Catalina sold one case each of oranges, apples, strawberries and grapefruit. How much did Catalina collect?

for the Answers and More Questions Like This, Visit
https://www.mathcounts.org/resources/problem-week-archive

The Pennsylvania Society of Professional Engineers
Hosted by the Philadelphia Chapter

2027 NATIONAL ENGINEERS' WEEK BANQUET

Recognize, Promote and Celebrate the Role Engineers play in the Greater Philadelphia Area

Save the Date February 27 6pm

PSPE lobbies to protect your license

So that WE can protect the Public Heath Safety and Welfare

Please DONATE to our PAC

? To whom should I call or write?
NSPE helps you locate your representatives at
https://nspe.quorum.us/officials/

NSPE-PA®

Join PSPE/NSPE Now

Become a Member With Two Easy Steps
https://www.nspe.org/membership/join-now

Monthly Meetings, Tours and Courses
December 3rd from 6 to 7 PM
Outstanding Engineering Achievements
OPEN to all PSPE Members

Come watch presentation of the Project selected for Outstanding Engineering Achievement Greater Philadelphia and Delaware Valley 2026. In preparation, consider to Please Enjoy Highlighted Past Presentations:

- from 2007 Lockheed Missile Defense Agency
- from 2010 CBS3 Mobile Weather Lab

PSPE believes this activity will be accepted for credit in PA, NJ and other National Model states where courses do not require pre-approval.

Reservations: NONE REQUIRED
Zoom link to be posted at www.pspe-philly.org on December 3rd
PSPE-Philly provides education beyond that just for license renewal,

December 10th from 6 to 7 PM
CHAPTER BOARD MEETING
OPEN to all Philadelphia Members

Your Board will meet to discuss progress of our Chapter Program, including preparations for MathCounts and Engineers' Week 2027 and our new Social Media and Refresh of Website Initiatives. We are all cognizant of our charge to assist ALL Professional Engineers acquire the needed 24 PDH before next September 30th, but also to assist our Members in other ways and to advise our Legislature how they can help us provide for the public health safety and general welfare.

Following Chapter Business, we will open the floor for general discussion on current State Legislation, some topics which are noted below.

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Reservations: NONE REQUIRED
TEAMs link to be posted at www.pspe-philly.org on December 10th
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PSPE Legislative Activity

PSPEs lobbyists have been busy at the capitol. Complete details can be found on the PSPE website under Legislative Activity.

Discussed at our State Annual Conference:

- Senate Bill 399 reduces the 12-year timeframe to 6 years and defines "lawfully"
- House Bill 1143 prohibits indemnification provisions in construction contracts
- House Bills 990 and 991 provide municipalities with authority to address the new management requirements without the creation of a separate authority
- We OPPOSE Senate Bill 215 which would provide exemptions for employees and contractors of broadband cable companies
- We SUPPORT additional funding for infrastructure and public transit
- The Commonwealth Budget was enacted in early July and included typical line items for math grant programs including our MathCounts
- PA has the oldest elevator code in the nation, 2002. Proposed regulations update it to the ASME 2016 code. PSPE providing for the public heath safety & welfare
- Concerns are growing regarding water and energy consumption related to new data center construction - We are monitoring these discussions.
- House Bill 2645 establishes licensing requirements for home inspectors under the State Real Estate Commission. Most of the protections for engineers doing home inspections are carried over from existing law.

Post Election analysis by our lobbying team suggests faster resolution of pending matters with both Chambers now controlled by same party.

Donate to our PAC now!!!

FREE FE Practice Exam

Sponsored by PSPE Philadelphia

Offer Extended to DEC 31st

To new or older graduates seeking the PE:

You completed your engineering degree and now must pass the FE exam on your way to the PE exam. **But how to get experience with the FE exam?** Read below. FREE both to Members, Student Members, or any reading this newsletter.

To our Professional Engineer Members:

You are a Professional Engineer which means you passed the FE exam some years ago, BUT

Do You Have What It Takes to Again Pass the FE Exam?

FREE FE Practice Exam:

Your Philadelphia Chapter has obtained **permission to share the NCEES practice exams for the FE.** Our code will entitle Viewer to ONE free download to ONE discipline of the FE practice exam. ($50 value.) Our promotional code is:

"**NSPEPhilly**" **Philadelphia Chapter Members have rewards.**

Click **HERE** to download instructions to start YOUR account.

In addition to this FREE interactive practice exam, you are invited to purchase Questions and Solutions for PE and FE exams at https://account.ncees.org/exam-prep/PE. You will be provided with a PDF for lifetime access. With 23 specialties for the PE, and 14 interactive FE practice exams, you can test yourself and friends on whether you still **Have What It Takes** to **Again Pass** the **FE** and **PE**.



Pennsylvania Society of Professional Engineers Philadelphia Chapter

Proposed 2026-2027 Program

Date	Event - Click Event for Details
Aug. 5-7	**NSPECon26 in NYC**
Sep. 17	**Tour of Vicinity Energy District Steam Plant**
Sep. 23-25	**PSPE State Conference Philadelphia**
Oct. 1	How to Market Engineering Services in Era of AI
Oct. 15	**Power Distribution Systems - Past and Future**
Nov. 5	Open Chapter Board & PA Legislation Update
Nov. 12	VAPOR INTRUSION MITIGATION
Dec. 3 SE Region	Delaware Valley Region Outstanding Engineering Achievement Program
Jan. 7 2027	Tour of ... TBA
Feb. 4	LIVE & Simulcast Meeting TBA
Feb. 27	Phila Chapter MathCounts
MathCounts	Live at Temple
Feb. 27 NSPE PA/NJ Engr's Week	Greater Philadelphia and Delaware Valley Regional National Engineers' Week Banquet
Mar. 4	LIVE & Simulcast Meeting TBA
Apr. 1	Tour of Lower Merion Trail Extension
May 6	Chapter Annual Meeting & Officers Installed
Jun. TBD	PSPE State Conference (**NEW DATES!!**) Pittsburgh
Jul. 27-30	NSPECon27 in Reno NV
Aug. 4	Professional Engineers' Day
Sep. 23-24-25	PSPE-Philly Continuing Education BootCamp

Philadelphia Chapter Adds Social Media

PSPE-Philly now has a presence upon:

Linked-In at https://www.linkedin.com/groups/7019298/

Facebook at Facebook ◄**click to view**

Instagram at Instagram ◄**click to view**

As a valued member of NSPE/PSPE, your insights and expertise are what drive our community forward. We are excited to announce that we are launching brand-new social media pages to better connect, support, and engage with professionals across our industry.

To make sure these channels truly serve you, we want to build them around your interests. We would love to know what type of content you would find most helpful, engaging, and exciting to see in your daily feed.

When you follow a professional community online, what makes you want to interact? We are specifically curious about:

► What you find helpful: Would you like to see industry news, career opportunities, technical tips, or legislative updates?

► What you want to interact with: Are you interested in participating in quick LinkedIn polls, monthly Q&A sessions, or live discussions?

► What excites you: Would you enjoy member spotlights, behind-the-scenes looks at society initiatives, or highlights from our recent events?

Please take a brief moment to reply directly to this newsletter with your thoughts, or let us know if there is a specific platform (such as LinkedIn, X, or Instagram) where you prefer to connect.

Thank you for your time and for helping us build a more vibrant digital community. **Send your comments to** webmaster@pspe-philly.org

Your PSPE at work in Harrisburg

See several highlights from the PA State Budget passed with PSPE support

www.paenvironmentdigest.com/newsletter/default.asp?NewsletterArticleID=60956&SubjectID=195