



THE LAUNCHPAD

KENT STATE
UNIVERSITY

College of
Aeronautics and Engineering

Dare Mighty Things

Issue 5 No.3

A Monthly Newsletter of the CAE

November 2025



UPCOMING EVENTS

11.18 Gearing Up for Study
Abroad | [More Info](#)

11.19 Dronavation
2025: Legal Frontiers of
Drone Use for Public Safety
and Emergency Response |
[More Info](#)

11.26-11.30 Thanksgiving
Break

12.04 Hot Cocoa & Cookies
Holiday Party | [More Info](#)

A Season of Gratitude and Innovation

As we approach Thanksgiving, we want to express our [gratitude](#) for this incredible CAE community. Thank you for making our college vibrant with your curiosity, dedication, and innovation.

Speaking of gratitude, thank you to the 263 students who participated in our recent communications poll! Congratulations to [Andres Arteta Avila](#), our sophomore Professional Pilot major, who won the drawing.

This season of thankfulness is also a perfect time to give back. [Giving Tuesday](#) runs through December 2, and we encourage you to [create your own crowdfunding page](#) to support the programs that matter most to you. The

12.05 Lighter than Air Intro
to Engineering Design
Competition | [More Info](#)

12.08-12.14 Final Exams |

12.12 Graduation Open
House | [More Info](#)

[See More](#)

student who raises the most funds will win a \$50 gift
certificate to the [CAE Merch Store!](#)

Finally, spring registration is open! Don't miss our new
special topics course [AI Innovation in Society](#) (CAE 22096,
CRN 18568, MWF 1:10-2:00). This course is perfect for
students across all majors and explores how AI is shaping
our world, careers, and future.

As we always say at CAE: *Dare Mighty Things*—and
understanding the technology transforming our future is
one of them.



Career Services

[CAE Career Services](#) provides tailored
guidance, industry connections,
and resources for your professional journey.

Featured Jobs

[Flight Department Administrator](#)
Flexjet

Featured Internships

[Professional Flight \(Summer 2026\)](#)
Delta Airlines
[Aviation Managements \(Summer 2026\)](#)
Delta Airlines

[More](#)



Advising & Student Success

CAE's [Student Success Center](#) provides
personalized support, resources,
and opportunities tailored to your success.

[Schedule Advising](#)



Applied Engineering Major Revamped as Industrial Engineering Technology

Stronger industry alignment and greater
market recognition are driving this exciting
transformation. The modernized curriculum
now explicitly includes supply chain
management, project management, and
systems thinking, plus emerging areas like
additive manufacturing, facility design,
material handling, and industrial and
environmental safety. IET emphasizes entire
systems—not just individual parts—
preparing graduates for today's integrated
engineering environments.

Current students wishing to change



NSA Codebreaker Challenge 2025

Tackle real-world cybersecurity problems in this national competition. Gain hands-on experience, connect with NSA experts, and earn recognition. No prior experience required! [REGISTER](#)



KSU FREEMAN FELLOWS INTERNSHIP IN ASIA

Apply by December 1!

You could receive up to \$6,500 to intern in Malaysia, South Korea, Japan, Singapore, Vietnam, or Thailand during Summer 2026.

Don't miss this opportunity to strengthen your cross-cultural skills while building your resume. [MORE INFO](#)



Scholarships

CAE scholarships opened October 1—more than \$200K is available. [Apply now](#) and invest in your future!

**FREE MONEY IS
JUST WAITING
FOR YOU**



program to IET should meet with their advisor to discuss options. [LEARN MORE](#)



Gearing Up for Study Abroad

Discover Your Global Learning Opportunity

NOVEMBER 18 | 5-6 PM | ATB 102

KENT STATE
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Study Abroad Info Session

Think study abroad is too expensive or will delay graduation? Join us to bust common myths and learn how studying abroad can fit your major and goals. Discover resources and planning strategies to make it happen. [LEARN MORE](#)



SPECIAL TOPIC SPRING 2026: CAE 22096

Artificial Intelligence & Innovation in Society

MWF | 1:10-2 PM | CRN 18568 | Prerequisites: None—open to all majors

Artificial intelligence is reshaping every industry and field of study.

This course equips you with the critical thinking, ethical awareness, and practical skills needed to thrive in an AI-integrated world—regardless of your major.

- ✓ Understand how AI systems function and influence daily life
- ✓ Evaluate societal, cultural, and global impacts of AI technology
- ✓ Apply methodological and ethical frameworks to real challenges
- ✓ Collaborate across disciplines on innovative AI-driven solutions

REGISTER TODAY FOR SPRING SEMESTER!

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New This Spring: AI Innovation in Society

Explore how AI is reshaping our world,



Patent Remix Challenge

Transform NASA Patents into New Solutions

PRIZE AMOUNT

\$10,000

SUBMISSION DUE

DEC. 15, 2025

Bring your brightest ideas to NASA patents and transform them into brand new inventions. Enter to win \$10,000! No experience necessary.

The NASA Patent Remix Challenge invites entrepreneurs, innovators, and creative thinkers to apply NASA's patented technologies to practical applications. Participants will select an existing NASA patent and develop a business or product concept that will be evaluated based on value proposition, business model viability, development feasibility, and quality of presentation. Entries should clearly demonstrate creativity, feasibility, and a compelling rationale for how the concept could create real-world impact, competing for the chance to win \$10,000.



Protecting Earth's resources through space-born innovation. | Credit: NASA

NASA Patent Remix Challenge— Win \$10,000!

Transform NASA's patented technologies into real-world solutions and compete for a \$10,000 prize. All students welcome—no experience necessary. Submissions due December 15. [REGISTER](#)

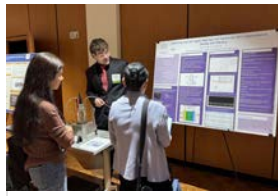
careers, and future. Open to all majors, this course helps you develop AI literacy and use AI tools responsibly and creatively. [REGISTER](#)

In the Airwaves...



Students Design, Build, and Test Spacecraft Components

The Spacecraft Design Lab is where students build flight-ready satellites and competing in space engineering challenges. [READ MORE](#)



Building Experience Through Research and Leadership

Aerospace engineering junior gets a front-row seat to the future of sustainable energy and advanced aerospace systems. [READ MORE](#)



Drone-Delivered Kickoff Highlights Innovation at Homecoming

Fans at Dix Stadium looked to the sky as a Kent State Alta X drone released the official game ball before kickoff, a milestone for the College. [READ MORE](#)



Kent State Finishes Second Overall, Earns Top Honors in Flying Events

Kent State finished second overall in regional standings at the 2025 NIFA SAFECON Region III competition and took first place in the Flying Events Championship. [READ MORE](#)





Dronavation



NOV 19



8 A.M.-4:30 P.M.



Governance Chambers
Student Center



KSU Faculty/Staff \$0
All Students \$0

Commanding the Skies: Legal Frontiers of Drone Use for Public Safety and Emergency Response

This annual event explores Uncrewed Aircraft Systems (UAS) technology, law, and policy from a global perspective. Join industry, government, and academic experts as we examine how current and future regulations will shape the future of UAS and Advanced Air Mobility. **Register now!**

Presenting Sponsor







College of
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You have big goals. *Tell your story.*

We need student voices to lead this year's [Giving Tuesday](#) effort.

If you're building flight hours, working or researching in labs, or taking advantage of many other opportunities at the College of Aeronautics and Engineering, this is a chance to share your story.

Become a fundraiser:

1. [Choose a fund](#) you believe in
2. Click Become a Fundraiser
3. Personalize your page (photo + a few sentences about your goals)
4. Share with friends, family, mentors and alums
5. **Raise the most money and receive a \$50 Gift Card for the CAE Merch Store!**

Official CAE Merchandise Now Available!



Share Your Success!

Got good news?

We want to celebrate your internships, awards, projects, and achievements!

CLICK TO SHARE YOUR GOOD NEWS!



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