

CAMPUS VISION



The Conversation Continues



PICKING UP WHERE WE LEFT OFF...

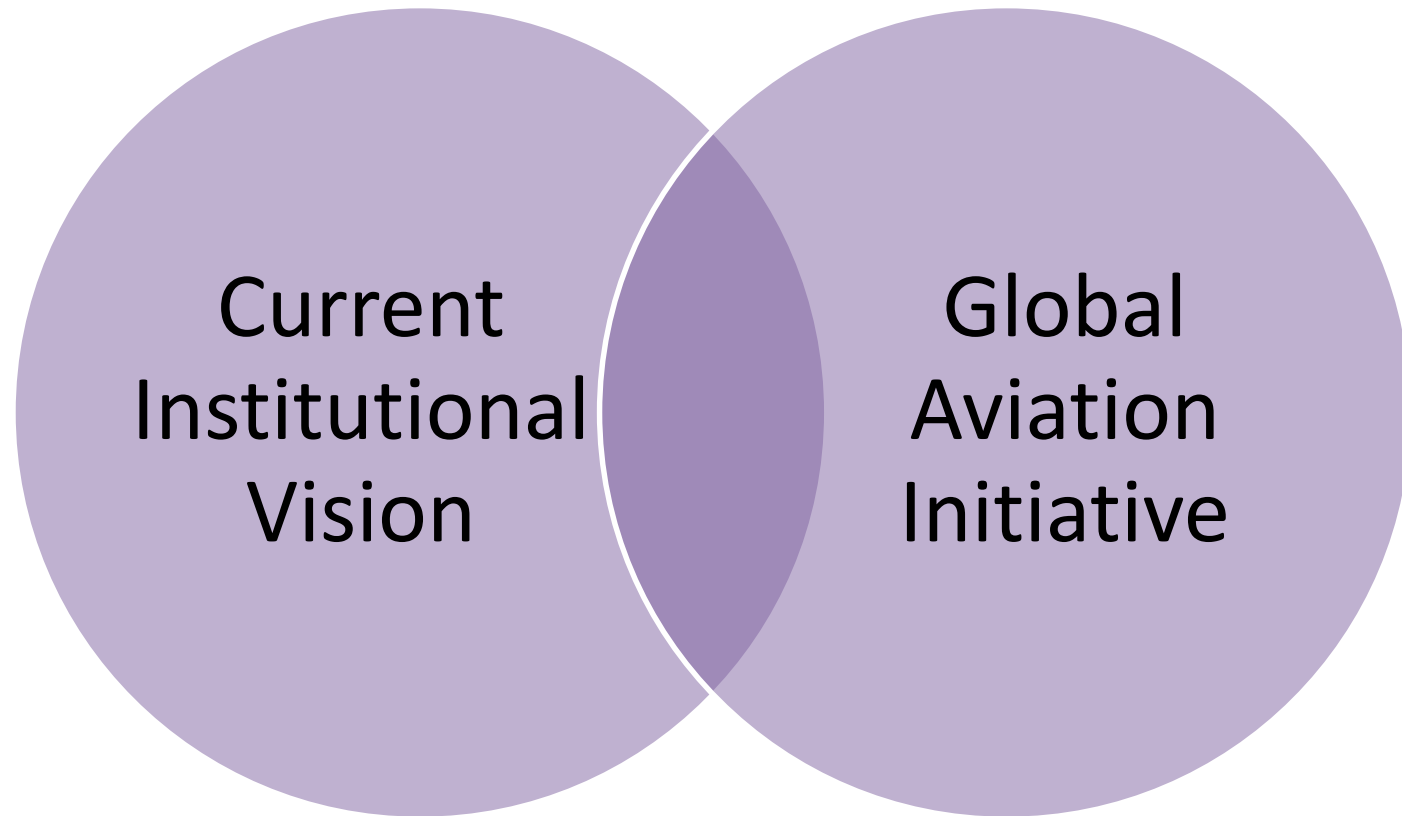


CALL TO ACTION FROM GAI

Critical needs exist in the industry today for human capital and sustainable processes. We must move immediately to meet these needs to preserve and enhance our position. This requires:

- ✓ **Commitment to the plan** by K-State leadership and the Salina region
- ✓ **An innovative leader** charged with guiding the university and community through the implementation the strategies described
- **Additional resources** dedicated to implementation of these projects
- **A comprehensive vision** for the Polytechnic Campus within the K-State ecosystem

COMPREHENSIVE VISION FOR CAMPUS





VISION

The College of Technology and Aviation will be a global leader in aviation innovation and talent development.

The college will advance the transformation of the aviation industry through innovative education, influential research, entrepreneurial thinking, and technology-centered, sustainable solutions to complex industry problems.

CAMPUS IN 2045



Kansas State University's College of Technology and Aviation is a global leader in aviation innovation and talent development. Over the last 25 years, this niche campus has transformed the aviation education and training market through its expansive learning network and commitment to ensuring individuals of all ages have access to quality learning experiences wherever they may be. Personalized educational content is delivered across the globe, with industry inspired, problems-based learning enabled through the creative use of simulation and virtual reality. The academic and research programs are supported by highly sought after faculty who actively influence industry progression and lead the development of national aviation policy and standards. The campus sits at the heart of a thriving industrial complex that leverages university expertise and midwestern values to attract global aviation companies who help drive economic development in the region.

AREAS OF STRENGTH

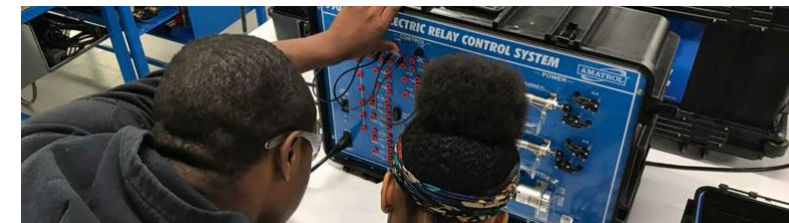
MANNED AVIATION



UNMANNED SYSTEMS



ADVANCED MANUFACTURING



SUPPORTING FOUNDATION

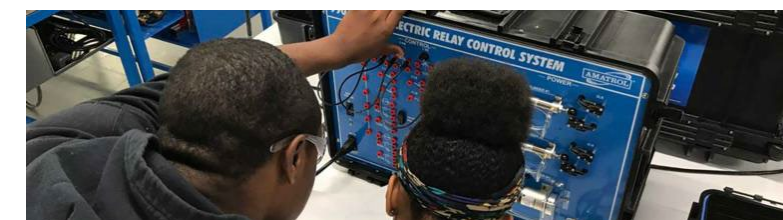
MANNED AVIATION



UNMANNED SYSTEMS



ADVANCED MANUFACTURING



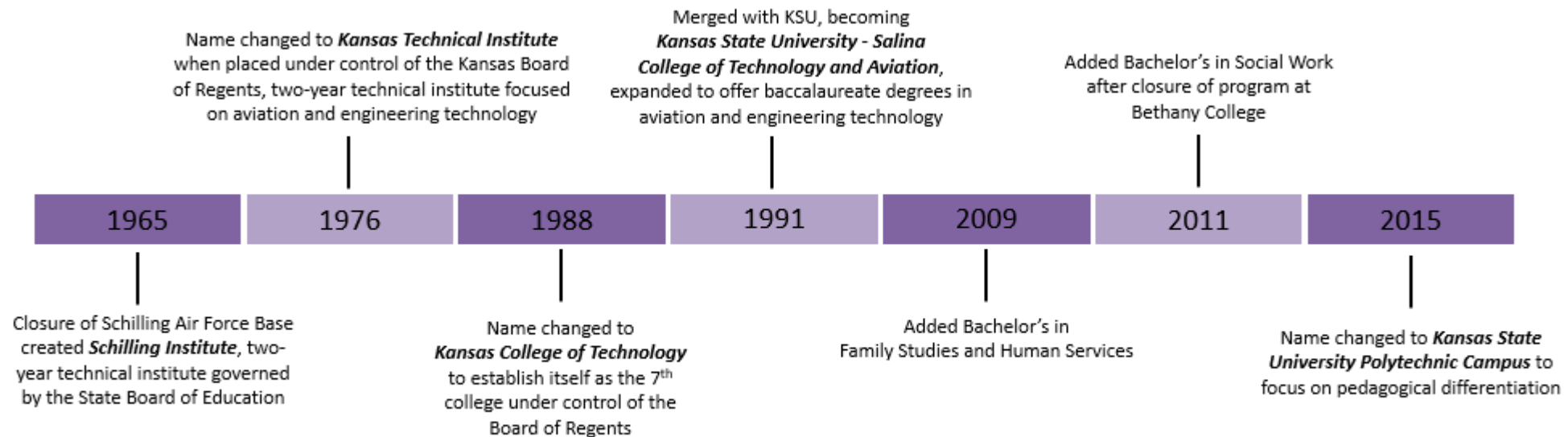
SAFETY

INNOVATION

ENTREPREUNERSHIP

DIVERSITY

THIS VISION HONORS THE PAST



THIS VISION SERVES THE PRESENT

KEY INDUSTRIES

With a population of just over 2.9 million, Kansas packs a heavy economic punch.

[PRINT THIS PAGE](#)

Home // Key Industries

A proactive legislative and regulatory environment and major advantages in location, costs, taxes, skilled workforce and major transportation assets have combined to make the Sunflower State a haven for investment and innovation.

A WIDE VARIETY OF INDUSTRIES ARE THRIVING IN OUR STATE, WITH NEW SUCCESS STORIES EVERY DAY

ADVANCED MANUFACTURING

Kansas is a leader in supporting advanced manufacturing through education, business incentives and a positive business climate.

[LEARN MORE](#)

AEROSPACE

More than 106 years since the first plane was built in Kansas, the state remains a vibrant hub for aviation manufacturing.

[LEARN MORE](#)

ALTERNATIVE ENERGY

Kansas is positioned to be a forerunner in renewable energy production.

[LEARN MORE](#)

ANIMAL HEALTH

Kansas sits within the Kansas City Animal Health Corridor, the single largest concentration of animal health interests in the world.

[LEARN MORE](#)

BIOSCIENCES

We offer comprehensive support for world-class research, commercialization and business expansion.

[LEARN MORE](#)

FOOD PROCESSING

Being a top producer of valuable commodities and raw materials naturally allows for Kansas' leadership in value-added agricultural goods, as well as a variety of finished foods and ingredients.

[LEARN MORE](#)

LOGISTICS & DISTRIBUTION

Following passage of the North American Free Trade Agreement, Kansas and other central states entered a new era as an international trade crossroad.

[LEARN MORE](#)

BUSINESS INCENTIVES BROCHURE

Find out what programs and services Kansas has to offer.

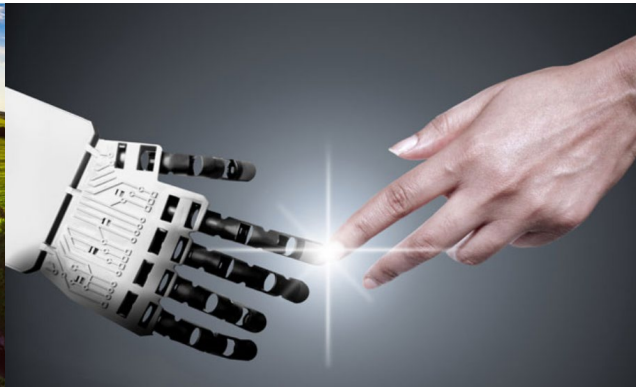
[READ NOW](#)

KANSAS DATABOOK

Get all the facts and figures you need about Kansas

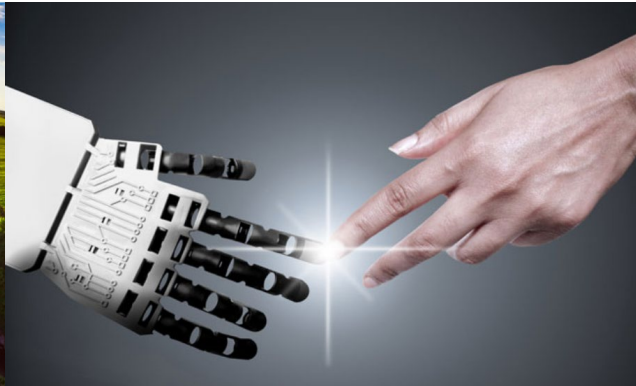
[READ NOW](#)

THIS VISION DESIGNS THE FUTURE

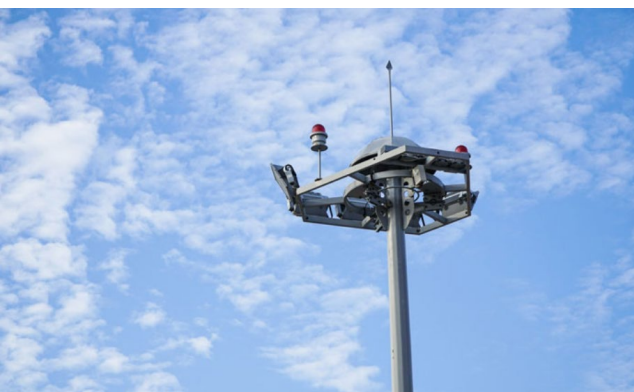


DIVERSIFY AND ALIGN CURRICULUM TO SUPPORT THE AVIATION INDUSTRY

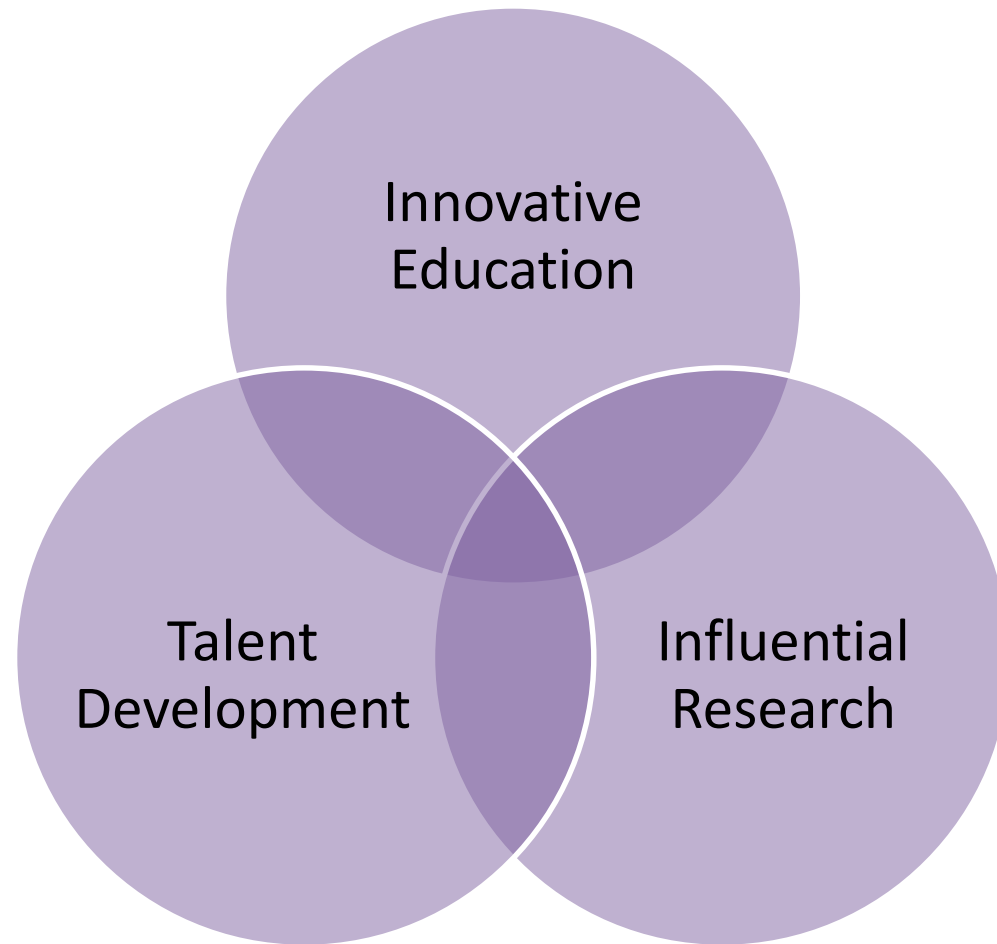
Sensors Controls Design Robotics Automation Machine-Based Learning Alternative Energy Big Data Management



Technical Communications Public Policy Cargo Logistics Safety Human Factors Simulation Artificial Intelligence Cybersecurity



INSTITUTIONAL FRAMEWORK





Gaps and Resource Needs

CAMPUS PRIORITIES

NEW ACADEMIC FACILITY

Reduce campus footprint from 19 to 5 buildings

Repurpose Technology Center to apartments

Repurpose Aeronautical Center to dedicated flight operations

\$50 Million





HANGAR REFRESH

Research and corporate lease space
\$15 Million



Student Life Center

STUDENT LIFE CENTER EXPANSION

Student organizations, leadership development and multicultural enrichment

\$5 Million

A man with grey hair, smiling, stands in a modern office. He is wearing a purple polo shirt with a small logo on the chest and a Champion logo on the sleeve. His arms are crossed. Behind him is a large window looking out onto a laboratory filled with equipment and shelving. To the right, there is a computer monitor on a stand displaying the text "Kansas State University".

ENDOWED PROFESSORSHIPS

Programs led by faculty with direct industry experience

Cluster hires for new programs

\$5 Million

RESOURCE OUR STRENGTHS



Enhance manned aviation \$5 Million
Expand unmanned systems \$6 Million
Integrate advanced manufacturing technology \$1M

A man in a light blue short-sleeved pilot's shirt and dark tie, wearing aviator sunglasses and a watch, leans against the fuselage of a white aircraft. The background shows other aircraft on a tarmac under a bright, hazy sky.

GLOBAL AERONAUTICS INITIATIVE

KANSAS STATE
UNIVERSITY

Polytechnic Campus
College of Technology and Aviation

STRATEGIC ENGAGEMENT

- Partnerships to expand our national footprint
- Government partnerships to promote new technologies
- Industry Leadership
ASSURE | FAA | AUVSI | WIAAB
- Industry Partners:
 - General Atomics —
Aeronautical Systems, Inc
 - 1 Vision





GENERAL ATOMICS - AERONAUTICAL SYSTEMS, INC (GA-ASI) PARTNERSHIP

GA-ASI's first Tier 1 University Partnership

A group of men are gathered around a large, complex engine in a workshop. One man is working on the engine, while others are observing. The engine is mounted on a stand and has various pipes and hoses attached. The background shows a workshop environment with tools and equipment.

GA-ASI PARTNERSHIP:

Investment in knowledge improvement & workforce

Delivered 2 Gray Eagle heavy fuel engines

UAS Simulation Equipment

Student Project Support



GA-ASI PARTNERSHIP

Enhancement of facilities to generate talent and innovation

Flight Path to the Future Project funded by GA-ASI



Kansas Simulation Center Vision

Access to Internationally-Recognize Training at a Regional Center

The Kansas Simulation Center (KSC) provides access to nationally-recognized training at a regional aviation training center. The KSC is built on lasting capabilities and is postured for the future of the aviation industry. The KSC is focused on skilled workforce development, collaborative industry research, and unmanned aircraft systems (UAS) advanced simulation training. The KSC is dedicated to staying flexible and relevant to meet the needs of the aviation industry by building on our rich history of aviation and leveraging the skills and capabilities of the Kansas team.

1 VISION ENGAGEMENT

Consulting Support
Development of Industry Short-Course Training
Workforce Pipeline



A man in a light blue pilot's uniform with a striped tie and aviator sunglasses stands with his arms crossed in front of a line of white aircraft on a tarmac. The background is a warm, golden sunset. The man's name tag reads "Mohamed Hedi B. Al. Mohelli".

BUILDING THE FUTURE

Supporting economic growth
in Kansas

- Workforce Development
- Leveraged Innovation
- Commercial Opportunities

THE TIME IS NOW

Position Salina, the state of Kansas, and Kansas State University as a global aviation leader

