

# PROJECT BRIEF



**Project Name: Wichita State University Campus of Applied Sciences and Technology**

**Grant Program: Legislative**

**Project Date: July 2022 - June 2024**

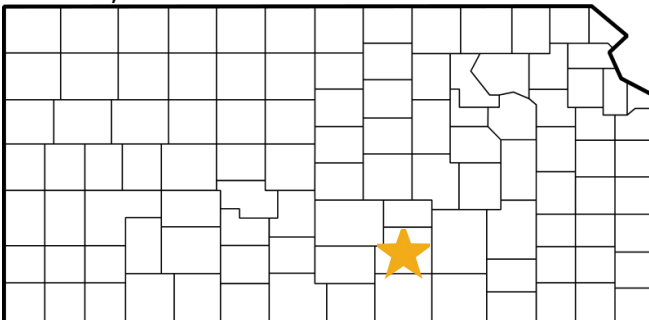
## Project Summary

Wichita State University is a four-year public research university, located in Wichita Kansas. WSU offers over 60 undergraduate programs across more than 200 areas of study.

Grant funds were used solely for the purpose of the smart manufacturing, Industry 4.0 training, and associate degree nursing programs.

## Location

Wichita, Kansas



## Grantee Information

Wichita State University Tech (WSU) is one of the nation's premier urban public research universities, known for providing impactful applied learning experiences and driving prosperity. The mission of WSU is to be essential, educational, cultural, and economic.

## Goals and Objectives

**Goal:** Expand the college's capacity and capabilities in advanced automation technology, design, and precision manufacturing.

**Objective:** The project will be centered on the purchase of new cutting-edge equipment, utilized in an Industry 4.0/Smart Factory and associate degree nursing program.

## Budget Overview

- Grant: \$1,843,594.00
- Match: \$2,342,960.00
- Total Budget: \$4,186,554.00

## Expense Categories:

- Equipment: \$4,186,554.00
  - (Purchases & Rentals)

## Target Population

The target population for this project include individuals pursuing aviation, healthcare, manufacturing, and those seeking career-focused, hands-on education.

## Sustainability

As Wichita State University Tech continues to expand, it will attain sustainability through revenue generated from student enrollment within programs. The project's sustainability is fully expected due to the addition of new equipment within the program's curriculum and instruction.

## Outcomes

All equipment purchased with grant funds is being utilized in the program. The Fall 2024 semester marked the first semester in which all three semesters of Machining Technology students were occurring. Second-semester students utilize 4 and 5-axis machines and metrology. Third-semester students are using all machines, including cells and robotic integration. The equipment purchased has allowed WSU Tech to respond to industry expectations by matching the advanced equipment and technology being used in our regional machining industry.

## Activities and Timeline

- **Q1 2023:**
  - Equipment purchases and rentals
- **Q2 2023:**
  - On-Going engineering
- **Q3 2023:**
  - Tooling and purchase of precision equipment
- **Q4 2023:**
  - EDA completion

## Contact Information

For any queries or additional information, please contact

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