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Laramie County Community College



OVERVIEW

Background – History of the LCCC Program

How we met

Selection and Funding

About the System

Installation and Training

How it is used



LCCC Strategic Plan 2030

Capacity Building Strategy: Capacity building efforts at LCCC will focus on creating the capacity where little or none exists to offer programs and curricula that respond to significant need, demand, and/or opportunity for economic and social growth within the region.

Successfully launch an Advanced Manufacturing Initiative to include programming and space that provides a manufacturing workforce pipeline.



History of the LCCC Program



- Auto Body Program dissolved in 2021
- 14,200 square feet of real estate became available
- Southeastern Wyoming needed a manufacturing center

History of the LCCC Program



- Remodel of Auto Body began Aug 2022
- \$8 million dollar project

History of the LCCC Program



- Grand Opening held 4 Apr 2023

History of the LCCC Program



- Room to Grow

Funding and Selection

WIP funds became available

WYOMING
INNOVATION
partnership



How LCCC and Intelitek Met



2022 Fall Conference

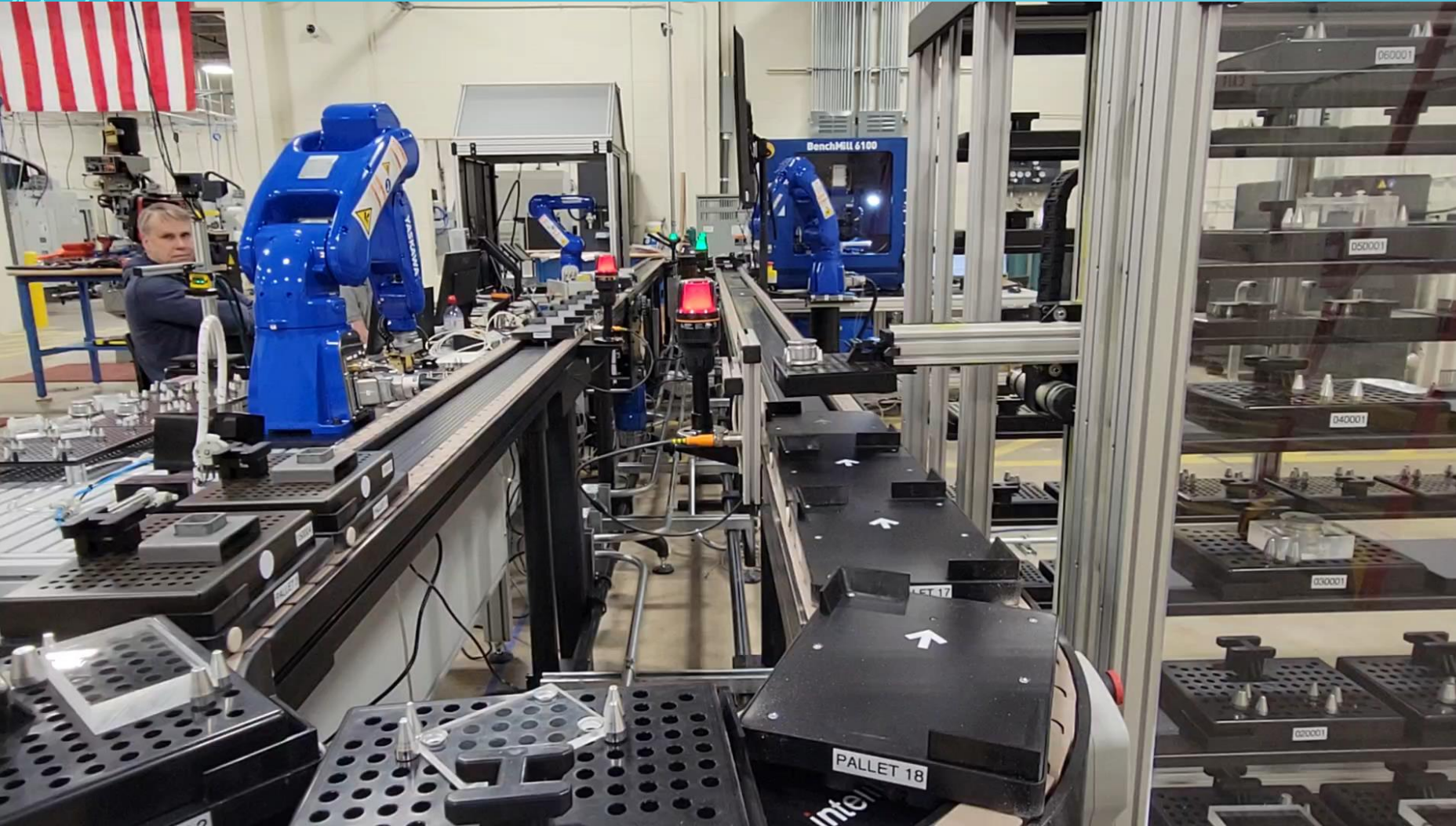


Funding and Selection



About the System

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Installation and Training



- System arrived on campus just before Christmas Break '23

Installation and Training



- Install began in January

Installation and Training



- Install began in January

Installation and Training



- Several Days of Training

Installation and Training



Robotic Welding Station

Learn Mate Curriculum

NIMS Accredited



Installation and Training



Build Station

Installation and Training



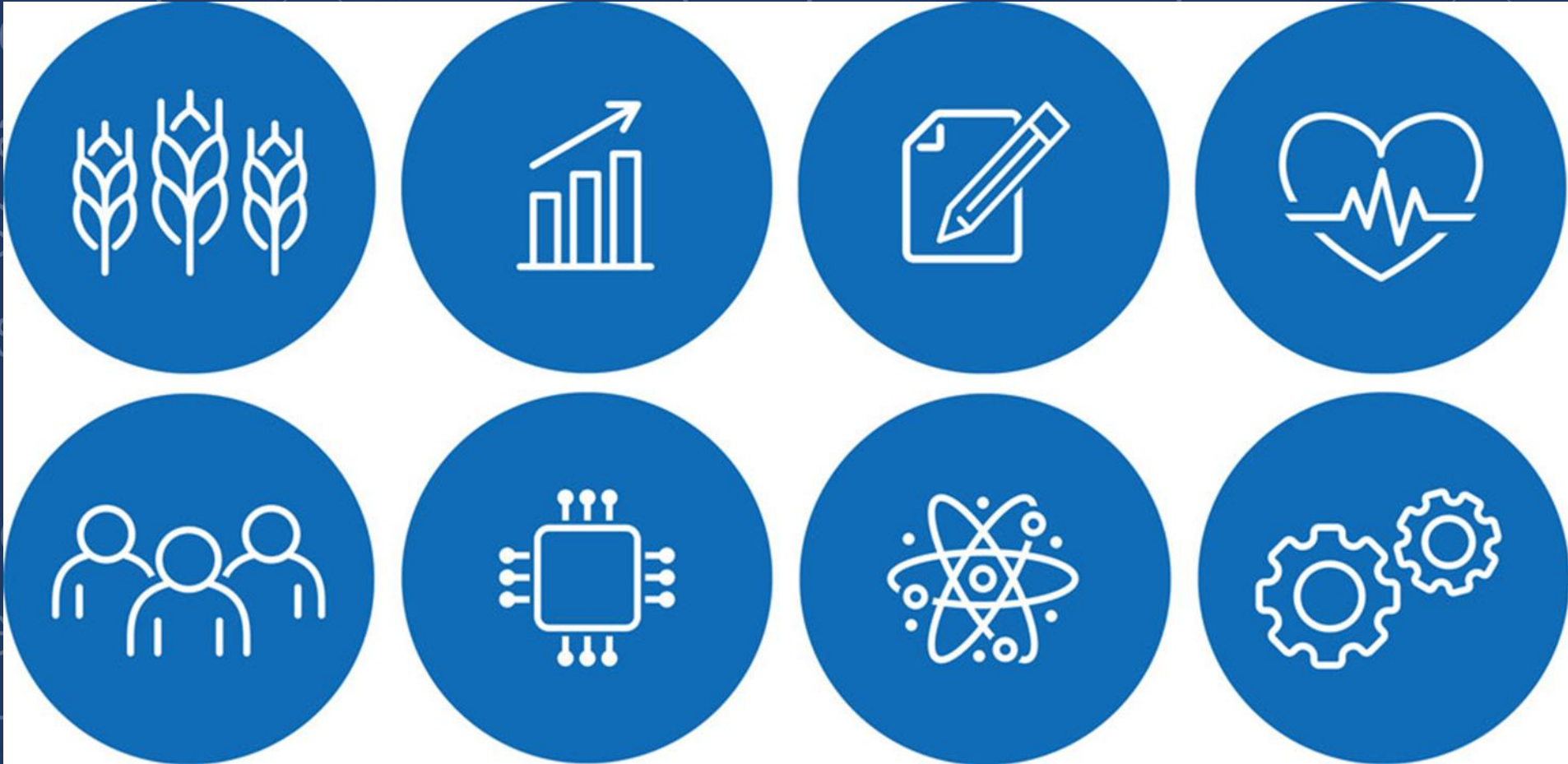
Laser Engraving and Milling Stations

How it is Used



Sometimes, education
operates in silos.





Break the Silos

- Emerging Ag Technology
- Artificial Intelligence
- Cybersecurity
- STEM
- Trades and Tech



How it is Used

STRT 1000 – Career Exploration

STEM Camps

Bootcamps for Industry – Upskill/Reskill

Keeps Students Engaged

Group Activities – Six Stations

How it is Used

Two Years is Too Long – Taste success in small doses

- Credit Diploma, AAS, BAS

Cheyenne LEADS – Local Economic Development

- Wyoming is a large state geographically, not population

Tools to Attract Students

Project Woodward – Funding 12 Students in Manual Machining

LCSD#1 – Math Credit

Tours to All Age Groups

Home School Groups



LARAMIE COUNTY
COMMUNITY COLLEGE



Educating the Industry 4.0 Generation

intelitek▶▶[®] SmartCIM 4.0

