

Rewiring Manufacturing:

Why Innovation and Workforce Must Evolve Together

October 16 - Michigan



Connecticut Manufacturing

Manufacturing in the National Spotlight

#1

Aircraft Engine
& Engine Parts
Manufacturing

#2

Patents Granted
to Individuals &
Organizations

#3

Defense
Spending Per
Capita in US

#3

Most
Educated
Workforce

#4

Productivity
of its
Employees

#5

Top Tier
Companies with
HQ in CT

#2

State for
Ship Building &
Repairing

#1

College
Readiness

The Problems

Talent Shortages
Innovation Adoption

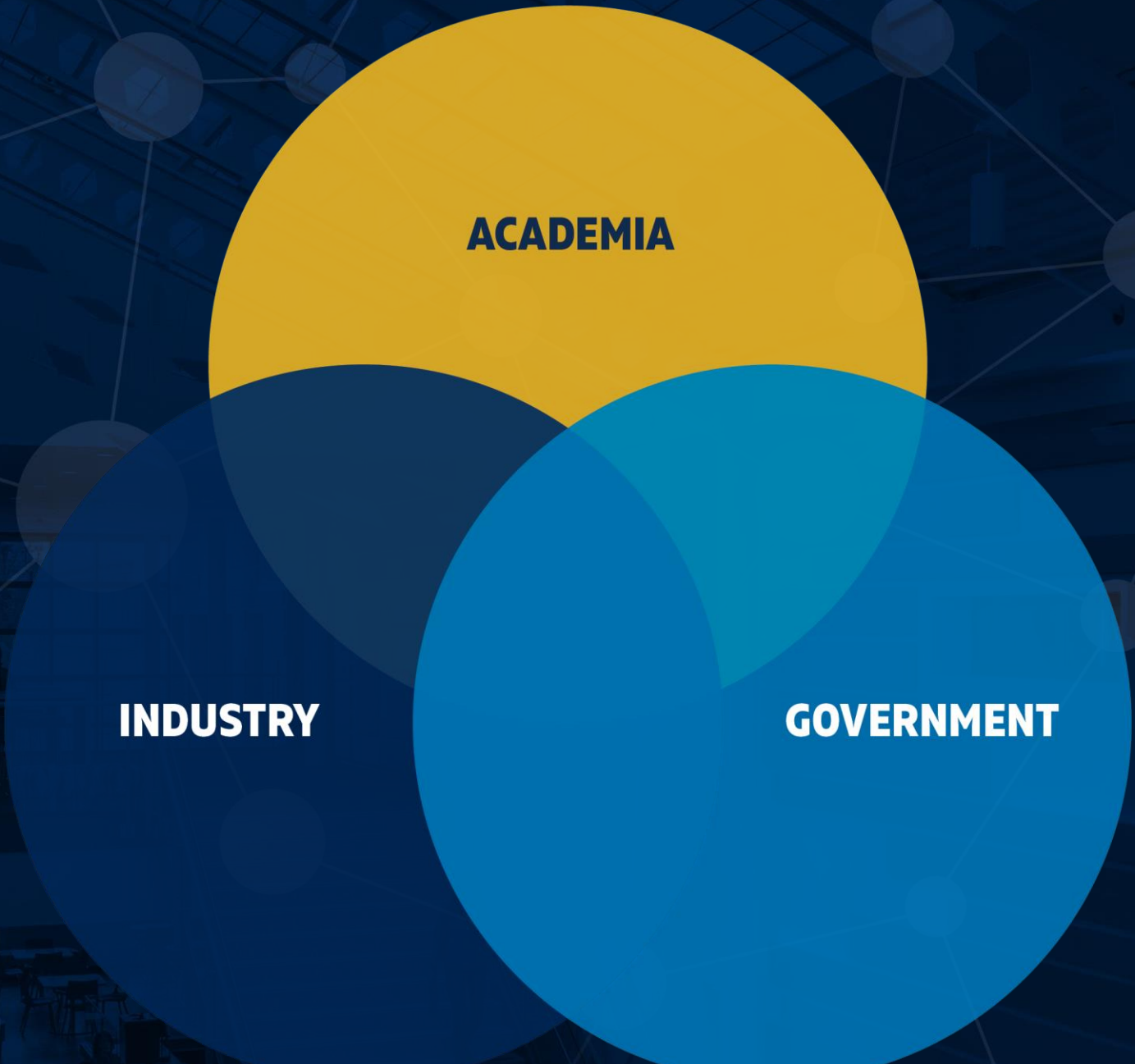
The background is a dark blue-tinted photograph of a modern building's interior. It features a large, open space with a high ceiling, a staircase, and a balcony. Overlaid on this image is a network diagram consisting of numerous semi-transparent circles of varying sizes connected by thin white lines, creating a web-like structure across the entire frame.

The Solutions

Already Exist

Siloed vs Integrated Thinking





A Venn diagram with three overlapping circles. The top circle is yellow and labeled 'ACADEMIA'. The bottom-left circle is dark blue and labeled 'INDUSTRY'. The bottom-right circle is light blue and labeled 'GOVERNMENT'. The intersections of the circles are shaded in various tones of blue. The background is a dark blue image of a modern building interior with a network of white lines and circles overlaid.

ACADEMIA

INDUSTRY

GOVERNMENT

Build the Next Gen Leader

- Just in Case vs. Industry Driven
- Career Center vs. Job Placement Center
- Sticky Internships
- Charger 11



Workplace
Skills

Experiential Learning

167 Degree Programs

Better than Ready™



Accelerating Tech Adoption

- Engage
 - Industry
- Education
 - Academia
- Enable
 - Government & Academia



A young man with brown hair, glasses, and a beard is smiling and shaking hands with a man in a dark suit. The young man is wearing a black polo shirt, a grey backpack, and a name tag that reads "Pavul Gupta". He is holding a white document. The man in the suit is looking down at the document. In the background, another man in a blue suit and tie is looking at a smartphone. The setting appears to be a career fair or a school event with glass doors and other people in the background.

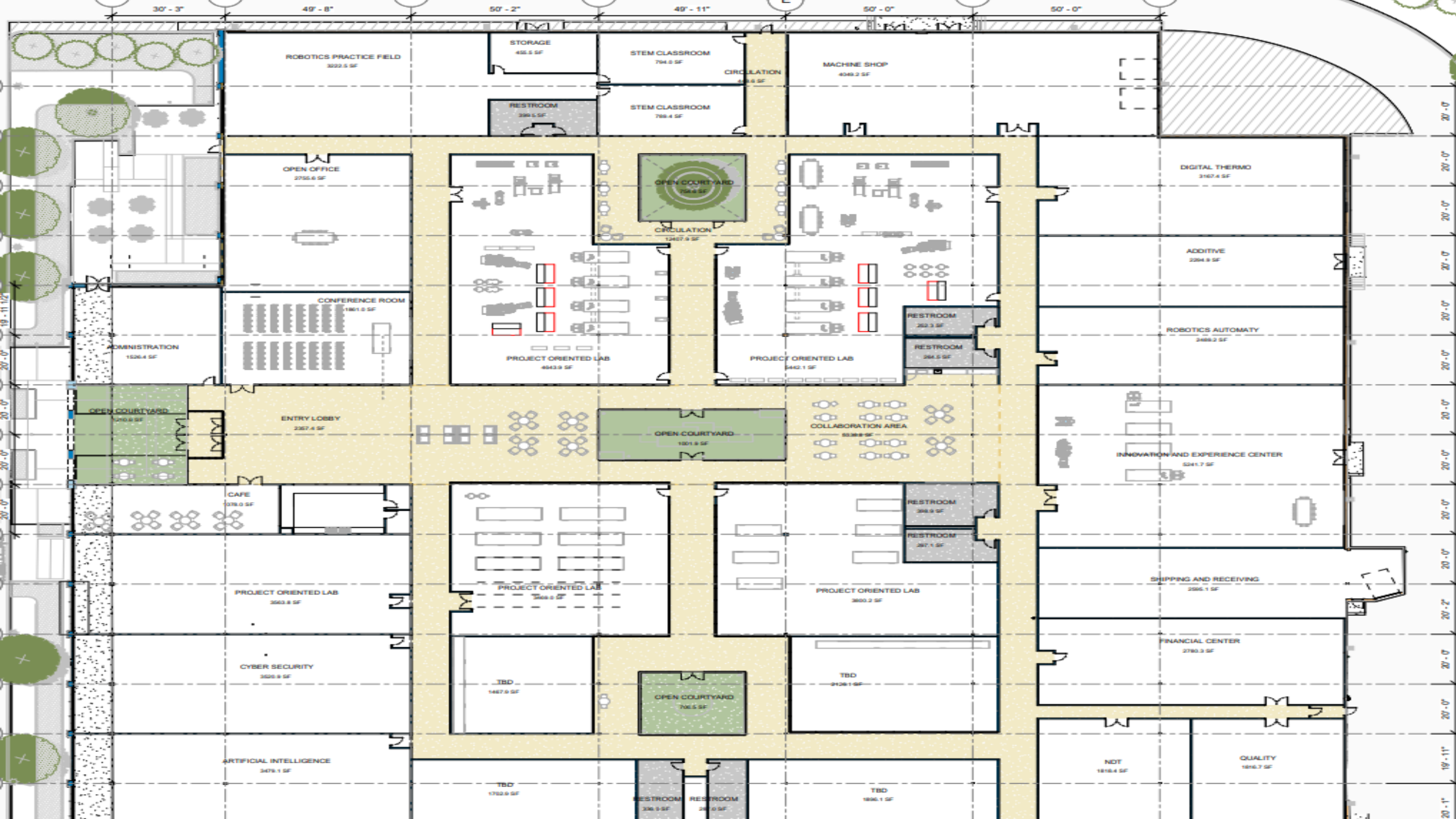
Class of 2029

Class of 2030

Rewiring Workforce Development

1. Industry Engagement
2. Innovation Leadership
3. Experiential Learning
4. Innovation Hubs
5. Upskill your Team
6. Innovation Adoption Models
7. Catalyst Capital





Better than Ready™



Thank You!

Paul Lavoie
University of New Haven
plavoie@newhaven.edu
[linkedin.com/in/paulslavoie](https://www.linkedin.com/in/paulslavoie)

