

Purpose-Driven, Collaborative Education for a Resilient & Equitable Workforce:
**HOW ANDERSON INSTITUTE OF TECHNOLOGY
BOOSTS THE LOCAL ECONOMY**

PRESENTING SPEAKERS



DR. BOB COUCH
EXECUTIVE DIRECTOR OF AIT
(RETIRED)



KYLE NEWTON
ASSISTANT SUPERINTENDENT
FOR EXTERNAL AFFAIRS



BEN THOMPSON
AIA, ALEP, NCARB
K-12 PRACTICE LEADER

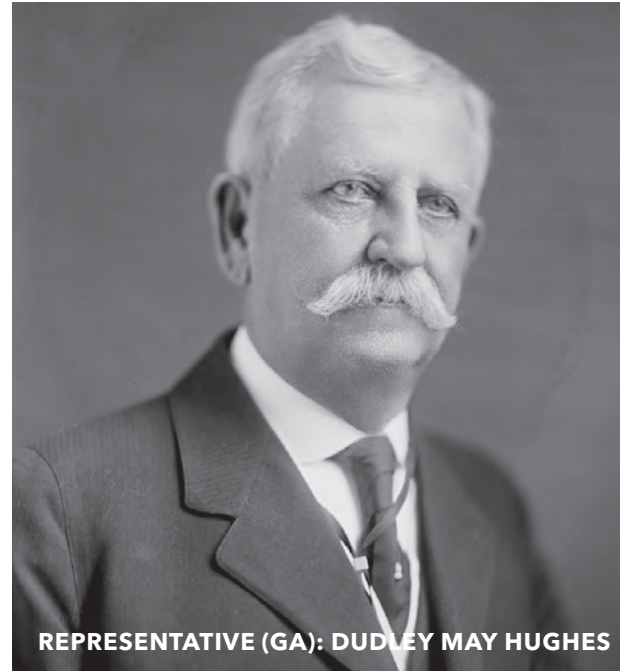


DR. MICHAEL CHEWNING
AIA, ALEP, LEED AP BD+C
K-12 PRACTICE LEADER

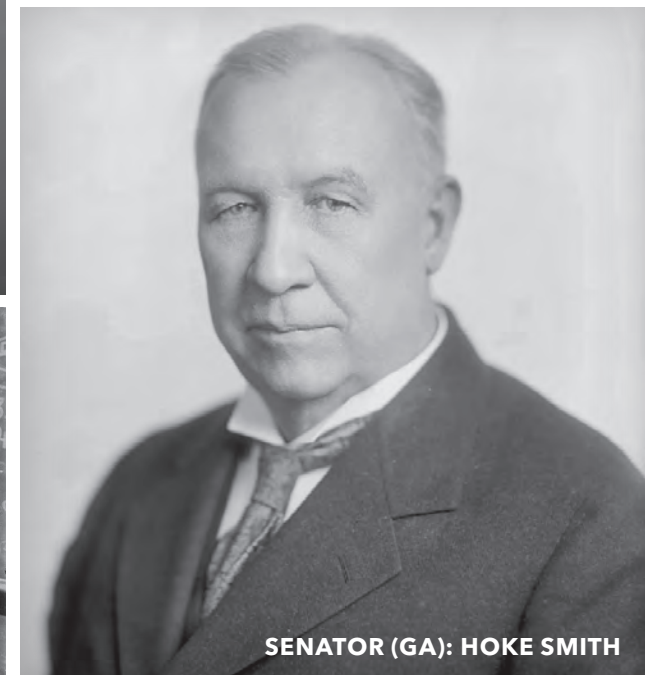


CTE: HISTORY + EVOLUTION

- ▶ **The Smith-Hughes Act of 1917:** the first federal law to support vocational education was in America.
- ▶ **Over the years, vocational education evolved to:**
 - Match the needs of the changing economy
 - Focus on post-secondary as well as secondary education
 - integrate academic + technical skills
 - expand the range of program offerings and degree pathways
- ▶ **2006: “Vocational + Technical” Education** became “Career + Technical” Education (CTE).



REPRESENTATIVE (GA): DUDLEY MAY HUGHES



SENATOR (GA): HOKE SMITH

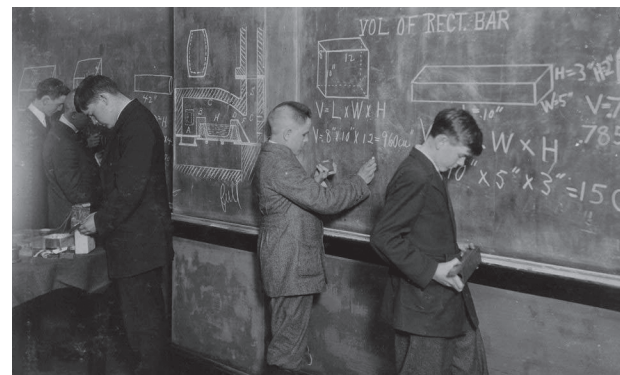
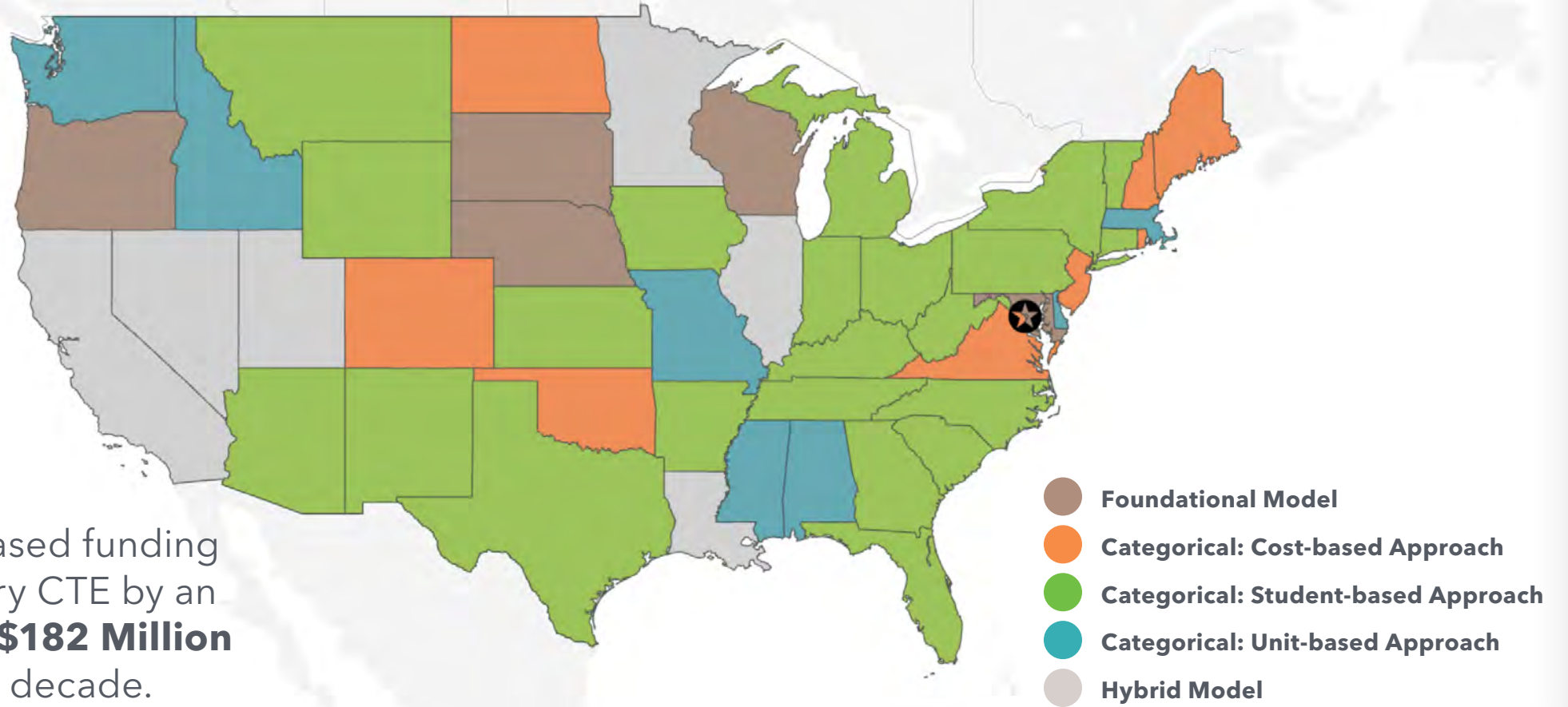


PHOTO SOURCE: public domain, Library of Congress, Washington, D.C.

CTE : THE STATE OF CTE / NATIONAL COMPARISON

Fiscal Year 2022 (FY22) Funding Model & Approach



► States increased funding for secondary CTE by an **average of \$182 Million** over the last decade.

A blue-tinted photograph of an industrial or laboratory setting. The scene is filled with large, complex machinery, including pipes, tanks, and structural frames. Two workers are visible: one on the left wearing a blue shirt and a hard hat, and another on the right wearing a white jacket and a cap. The overall atmosphere is technical and professional. The text is overlaid in the center in a large, white, sans-serif font.

What Goes Into Making A Model CTE Program?

THE AIT SCHOOL MODEL



ANDERSON
INSTITUTE OF TECHNOLOGY
DISTRICT 3 • DISTRICT 4 • DISTRICT 5

Vision

To prepare every student to graduate college, career ready, to enter the global workforce and be a successful and contributing citizen.

Mission

To offer high-tech and high-wage technical courses that **meet global standards** to enable every graduate to be college and **career ready.**

AIT : STUDENT ENGAGEMENT



- ▶ **Capstone** Projects
- ▶ **Project Based** Learning
- ▶ **Problem** Solving
- ▶ **Find** Solution
- ▶ **Patent** Review

A blue-tinted photograph of a machine shop. In the foreground, a large industrial machine with a glass door and a control panel is visible. A woman in a yellow shirt stands to the right of the machine, looking at it. In the middle ground, a man in a blue shirt is working at a machine. In the background, another woman is working at a machine. The shop is filled with various industrial equipment and tools. The text "The Anderson County Story" is overlaid in the center in a large, white, sans-serif font.

The Anderson County Story

ANDERSON COUNTY : ENGAGING THE DISTRICTS + THE COMMUNITY



- ▶ **Inform + engage** faculty + staff.
- ▶ **Persevere.** Fight political apathy.
- ▶ **Spread a universal message** across all districts.
- ▶ **Superintendents + other district leaders** present information to civic organizations.



- ▶ **Raise** capital for the campaign.
- ▶ **Work with** community stakeholders.
- ▶ **Clear roles** + responsibilities: Finance, Volunteers, Communications
- ▶ **Public Relations** + media: Letters to the editor, op-eds, etc.

FUTURE READY SCHOOLS



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More than 50% of children entering grade school this year will end up working in careers that haven't even been invented yet.

SOURCE: "Future Work Trends and Challenges for Work in the 21st Century," U.S. Department of Labor

A blue-tinted photograph of an automotive repair shop. In the foreground, a student in a purple shirt is bent over, working on a car's undercarriage. To the left, another student is crouched near a car with its hood open. In the background, several other cars are on lifts, and students are visible working. The shop is filled with various tools, equipment, and toolboxes. The overall atmosphere is one of a busy, technical learning environment.

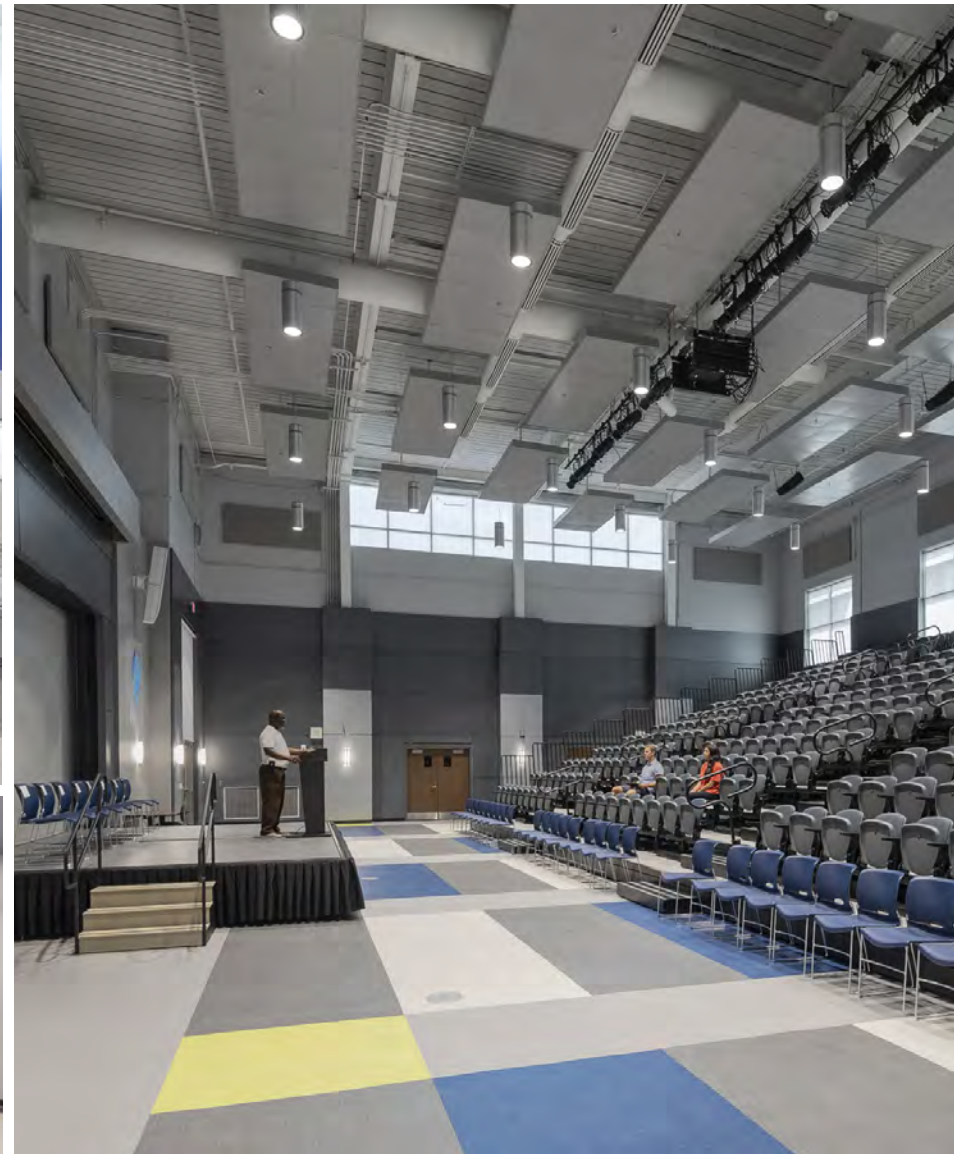
Anderson Institute of Technology

A MULTI-DISTRICT RESOURCE



- ▶ **Anderson School Districts 3, 4, + 5**
- ▶ **118,851 SF** single-story
- ▶ **Classrooms,** labs, automotive bay
- ▶ **Multi-purpose Space** for presentations and student work display
- ▶ **700 Students** in AM/PM rotation for a total of 1,400 students served

ANDERSON INSTITUTE OF TECHNOLOGY





Real-life Equipment



Student Clubs



Simulation



Certification + License



Local Employers



Success for All Students

ADDRESSING LOCAL SKILLS GAP

ENGAGED + PRODUCTIVE WORKFORCE

COMMUNITY PARTNERSHIPS



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