



**VERMONT
FOREST
INDUSTRY
NETWORK**

Panel 2: Specific Projects &
Initiatives relevant to the
Forest Products Industry

Moderator: Christine McGowan
Forest Products Program
Director

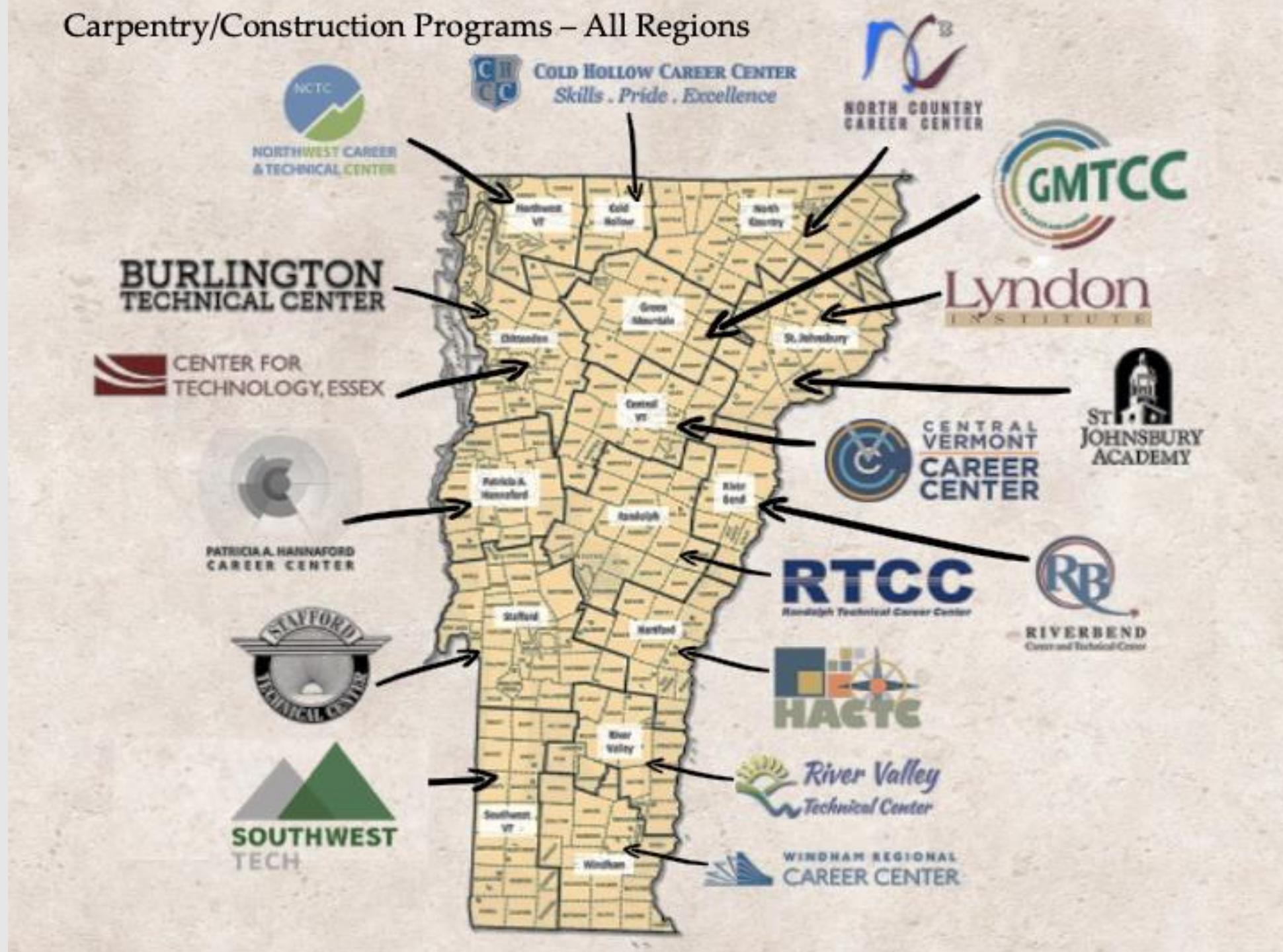
Jay Ramsey
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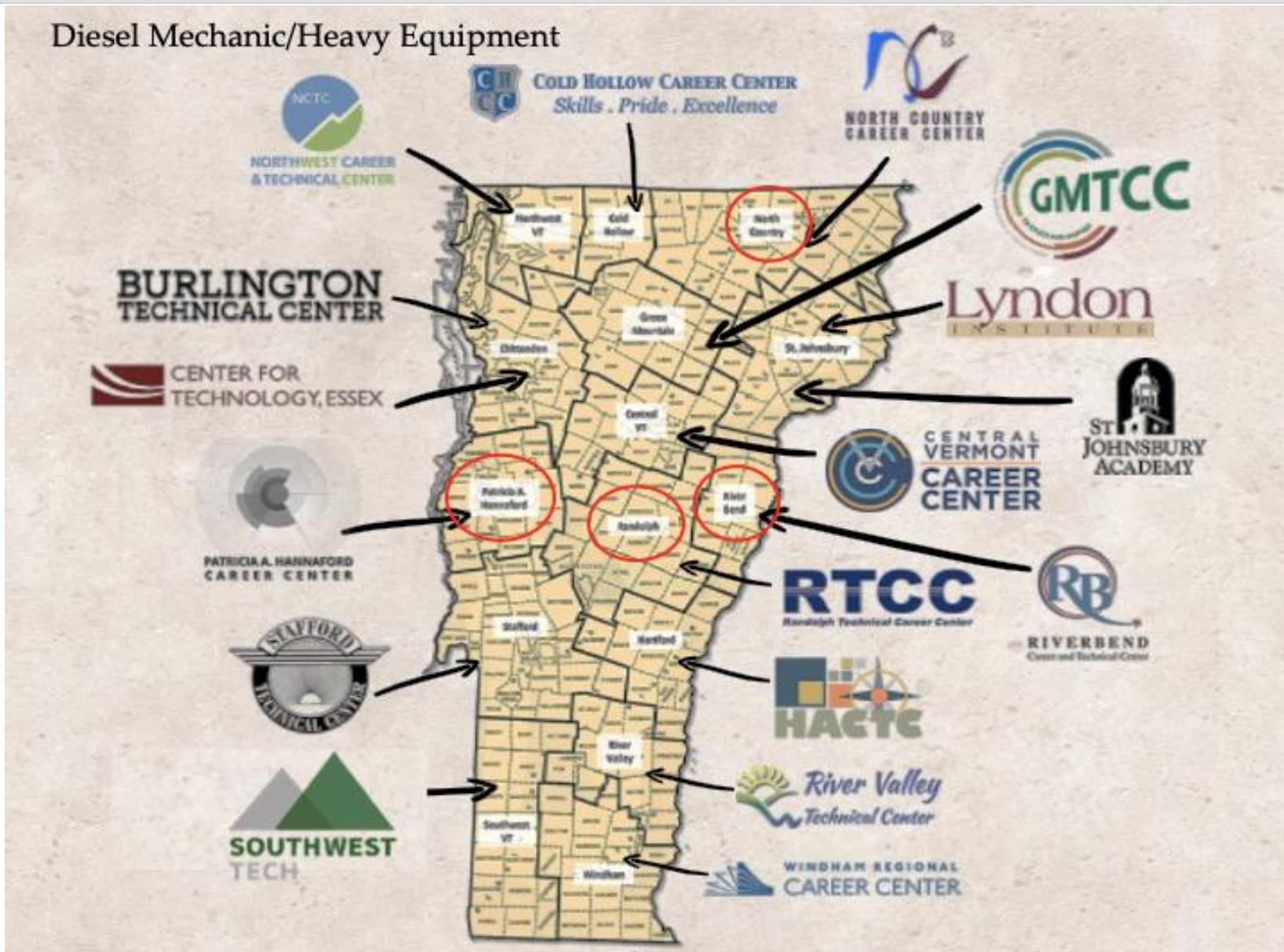
CAREER TECHNICAL EDUCATION

- All parts of the state covered
 - Caledonia & Chittenden Counties have 2
- Generally intended for 11th & 12th grade
 - Some programs serve 9th & 10th grade
- Work-Based Learning
 - Job shadow, paid work experience
- ADULT CTE – also offered to train/upskill adults; custom training for employers
 - CDL in some areas

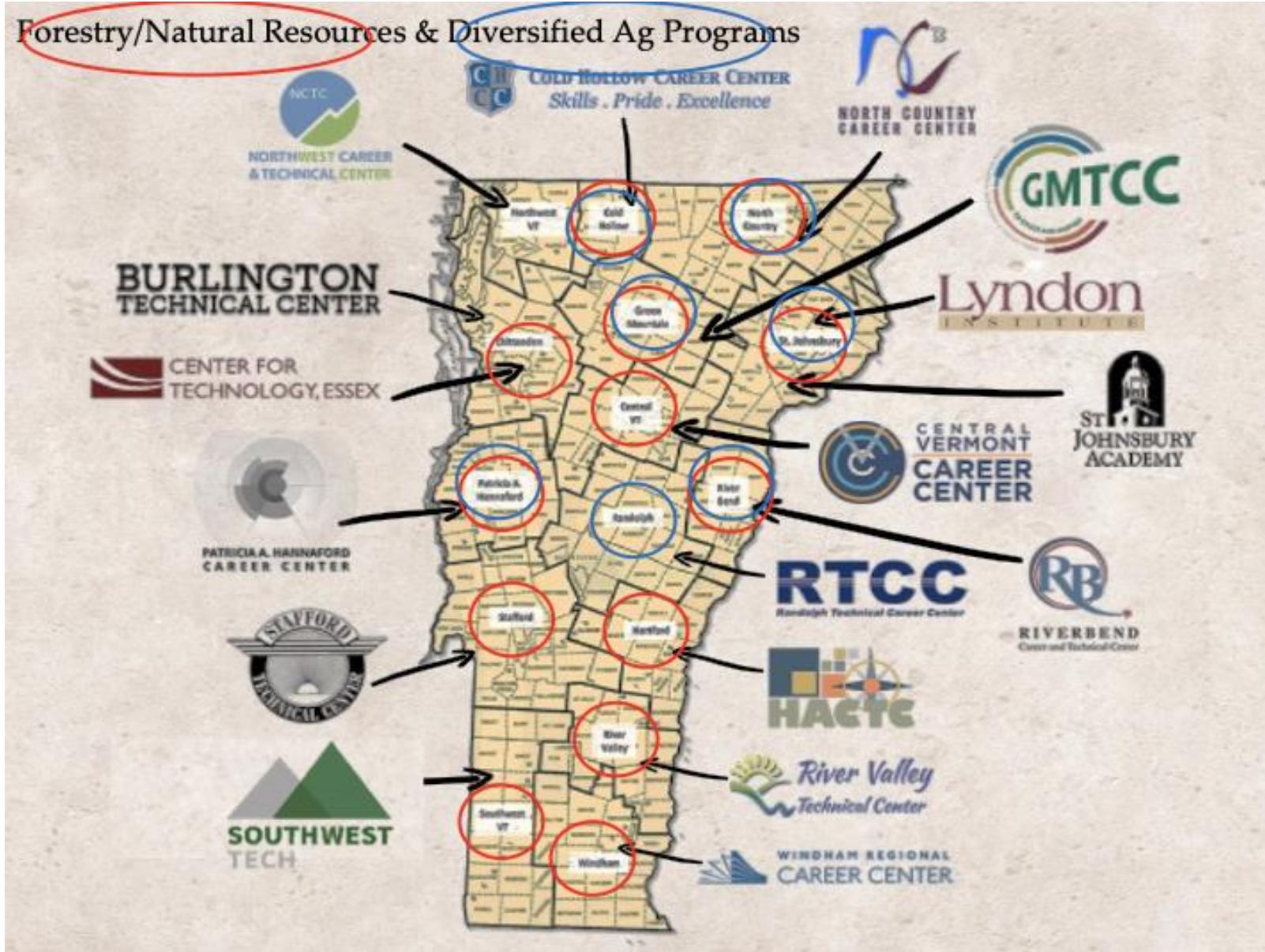
Carpentry/Construction Programs – All Regions



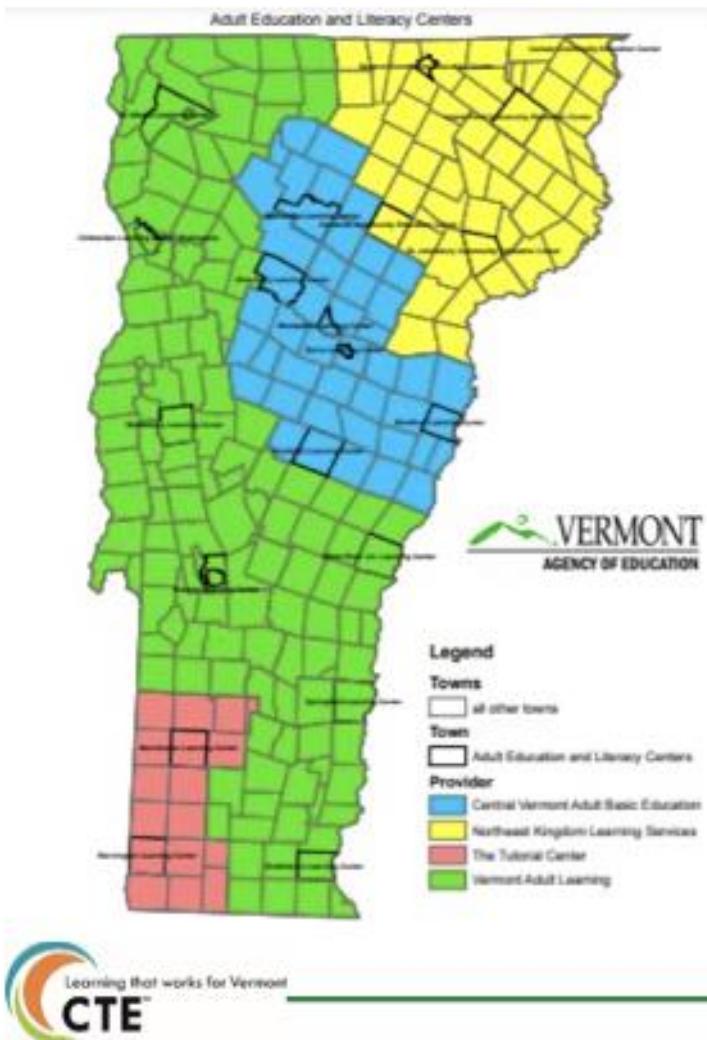
Diesel Mechanic/Heavy Equipment



Forestry/Natural Resources & Diversified Ag Programs



ADULT EDUCATION & LITERACY



- Serves adults without a diploma needing improved math, reading, writing, and workplace skills
- Provides a path to a diploma or equivalent to adults throughout the state
- Serves New Americans and Speakers of Other Languages
- Services are free to participants

4 Providers:

- Central Vermont Adult Basic Education
- Northeast Kingdom Learning Services
- The Tutorial Center
- Vermont Adult Learning

Vermont Tech

VERMONT
TECH

Molly Willard

Professor, Vermont
Technical College



Forest Health and Training

NBRC Grant

- Creating educational pathways and trainings
- Work crews to implement timber stand improvement
- Sustaining Forests 101 curriculum-materials to train a skilled workforce
- Promote understanding and awareness related to forest health and management

- Partners: Direct-UVM, UNH, VYCC, Stafford Tech (CTE Center), VTC
- Indirectly-VWA, NVU, FPR, VSJF, VWWC
- *New Hampshire's recently-launched Quality Tree Project, which aims to promote "more good trees faster" for higher-value forest products*

FORESTRY WORK CREW



PROGRAM INITIATIVES

Engage your interests to:

- conserve and sustainably manage our forests
- receive wages as you learn
- determine future outcomes in our forests

While learning about:

- soil, carbon sequestration, and water quality
- wildlife habitat
- quality crop trees
- biodiversity and structural diversity

Take your VYCC experience and credits to Vermont Tech for an AAS in Forestry with a bridge program to UVM to receive a BS in Forestry or related environmental field.

You can also use our training to gain immediate access to employers and return to a degree program at a later time.

What are we trying to solve/support

Forestry 101 Curriculum: Inspire and engage an emerging skilled workforce and foster community awareness through local education systems.

Work Crews: Engage and train a skilled workforce while improving forest health for a more viable forest and wood products industry.

Outreach: Collaborate to bring awareness that the forest of the Northeast is an important ecosystem and natural resource.

* Support rural communities to be innovative, sustainable and working.

The Results

“During my time at VTC, I was offered a job by one of my professors. I currently have a job with a consulting Forester, and once I am done with school, I will work for him full-time and then get my Foresters License. I also do tree removal, sugaring, welding, small engine repair, and some work for my father on the side. I am currently employed as a Forestry Technician for New England Forestry Consultants.”

Forestry program at VTC (Fall 2019)- 17 students

VYCC work crews (this summer)- 10 participants

Acreage managed- 60 acres

BENJAMIN KERSTETTER



Ann Nygard

Director, Center for Professional
Studies, Northern Vermont University



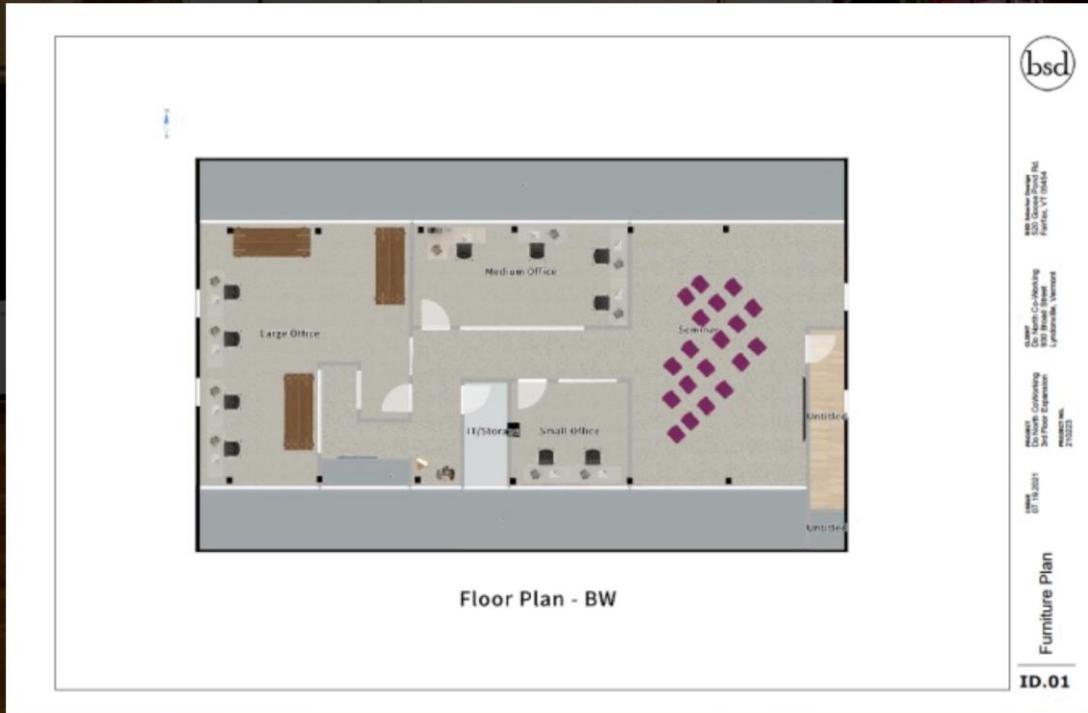
Northern Vermont
UNIVERSITY

Center for Professional Studies

Forest Product Accelerator Facility

New Forest Economy Accelerator Program
Workforce Development

Forest Product Accelerator Facility



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**Located on third floor
of Do North Coworking**

920 Broad Street
Lyndonville, VT

Anticipated opening
Summer 2022

New Forest Economy Accelerator Program

An intensive three month program for innovative Forest Product businesses.

- ⊕ Curriculum tailored to forest product development.
- ⊕ Expert facilitators to guide businesses through program.
- ⊕ Fosters relationship building.
- ⊕ Businesses leave with “Go-To-Market” plan.



Learning and Working —

Transforming higher education and building local communities

Paid internships and employment lower the cost of higher education

Direct experience with businesses and nonprofits in their field helps students graduate career ready

Student interns and staff help local businesses and organizations with the support they need to thrive

Learning and Working helps attract students and create the career connections that encourage them to stay in Vermont after graduation

NorthernVermont.edu/LearningWorking



Mission: Strengthen and Empower Vermont's Manufacturers

Lisa Henderson

Director of Client Services

lhenderson@vmec.org

2021/09/30



**VERMONT
TECH**
VMEC HOST SINCE 1995



Over 1,400 advisors

Challenges to Manufacturing Growth

- 71% ➤ Employee Recruitment and Retention
- 63% ➤ Continuous Improvement and Cost Reduction
- 43% ➤ Product Innovation and Development
- 41% ➤ Growth Opportunities
- 31% ➤ Technology Needs

HOW VMEC ASSISTS ENTERPRISES

Strategic Business Management and Planning

Operational Excellence, and Continuous Improvement

Innovation, Growth, and Technology Acceleration

Workforce Strategies and Talent Development

Resources for Vermont Manufacturers

Aligning VMEC's Capabilities and Services with Vermont Forest Economy

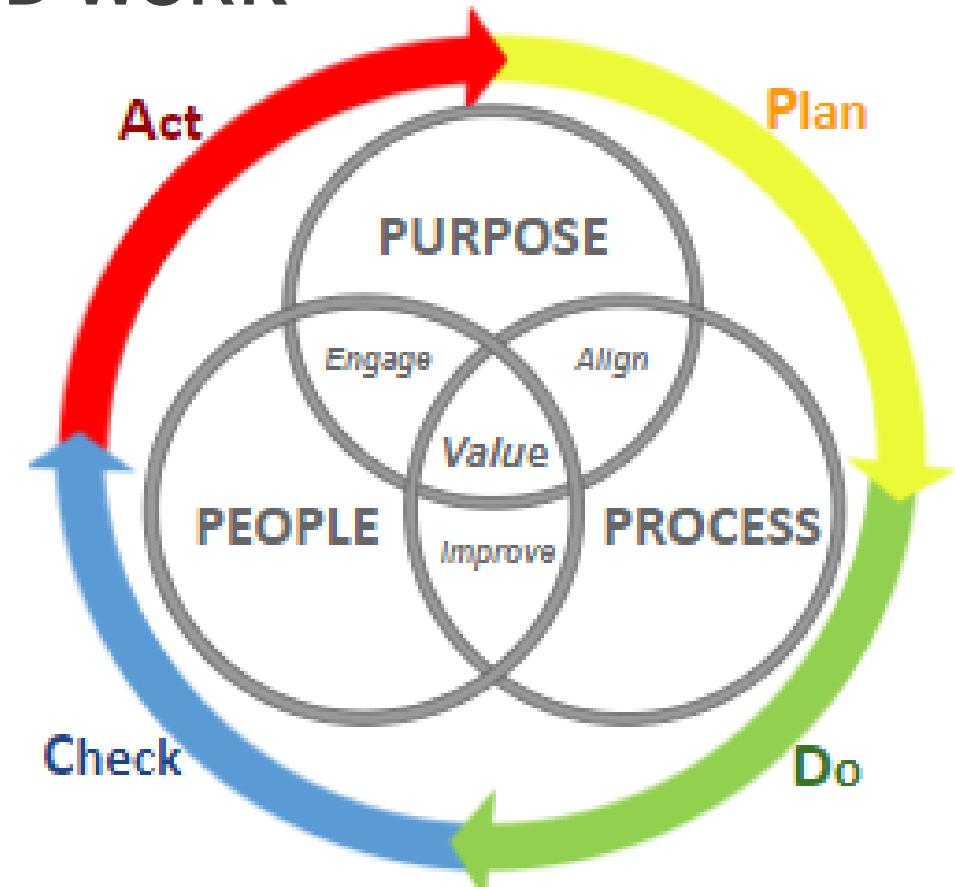
Improving System Mindsets

ASSUME EVERYONE WANTS TO DO GOOD WORK

MAKE PROBLEMS VISIBLE

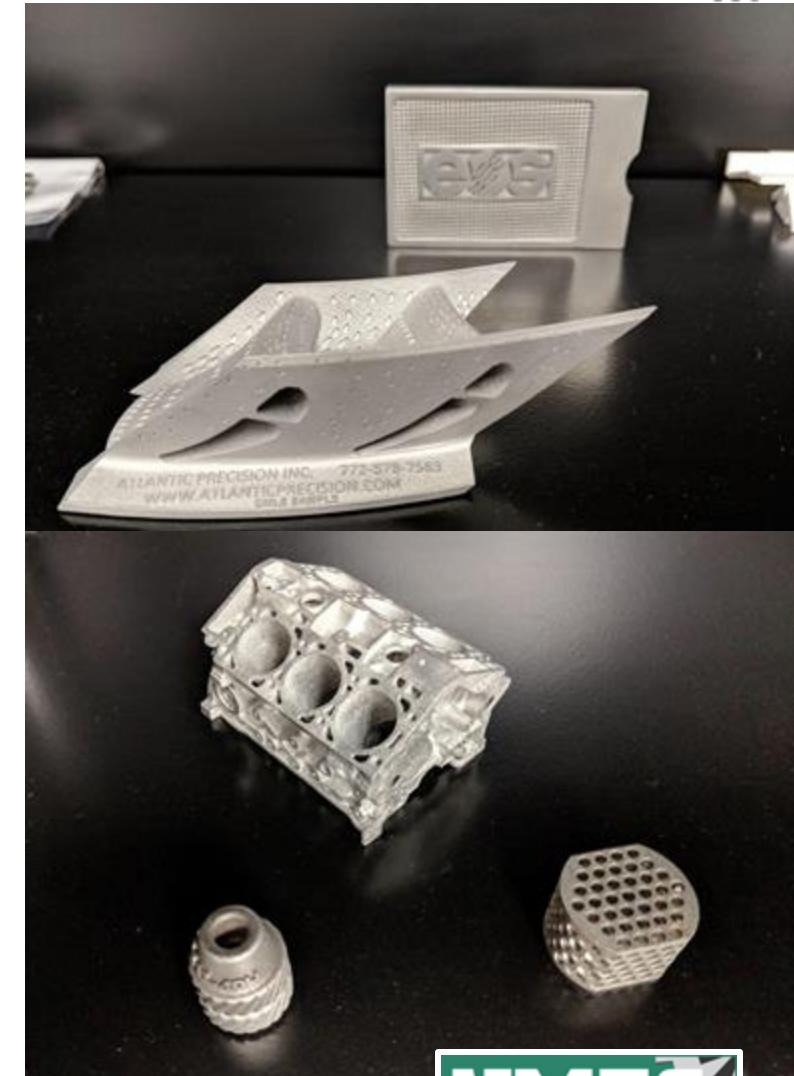
GO SEE / SEEK UNDERSTANDING

SOLVE PROBLEMS & IMPROVE





The VT-MC strives to transform manufacturing and workforce development by making advanced manufacturing technologies accessible, affordable to promote learning and growth.



What are other programs/ projects/ initiatives that can help Forest Products Businesses?

Introduce yourself and the resource we should know about – in 1 min or less

Coming Soon!



VERMONT
Forest Economy
Career Guide



Questions?

