

VERMONT TECH

OUR CAMPUSES

Where students
attend Vermont Tech
throughout the state.



Hello Alumni,

What a year! I am sure every one of you has been affected directly or indirectly by the COVID-19 pandemic, and it has certainly impacted life at your alma mater. It began the second week in March when we sent all students home to finish the year remotely, and our faculty shifted with only two weeks' warning to teaching online. Then in April came the threat of shutting down the Randolph Center campus in reaction to chronic underfunding and the significant financial impact of the virus throughout the Vermont State Colleges System.

In true Vermont Tech fashion, we adapted and persevered, overcoming obstacles: we are still entrenched in Randolph Center, and plan to stay here; we graduated 555 students last spring – 297 Associate Degrees, 108 Bachelor Degrees, and 150 Certificates, including 142 Practical Nurses; our faculty and staff did an exemplary job of transitioning to alternative class delivery models; and we welcomed students back to campus in August for a fall semester in a hybrid learning model – classes online and labs in-person during designated weeks for labs.

We still face significant challenges, however. Overall enrollment declined by approximately 12% this fall, leading to a deficit of millions of dollars. The Vermont State Legislature has granted us bridge funding which, along with some COVID Relief Funds, will see us through the fiscal year. But we must plan for lean times ahead. Remember that a small first-year class this year means a small sophomore class next year, no matter how much our new enrollment improves. So we are reducing expenses, divesting of some of our liabilities and optimizing our infrastructure, including selling some off-campus buildings, and designing alternative delivery models. It will be a challenge, but we intend to come through this stronger and better prepared for the changing future of higher education.

Vermont Strong, Vermont Tech Stronger!

Pat

Patricia Moulton
President



This issue of your Alumni Magazine was always intended to be a celebration of all of our campuses throughout the state, and we are keeping with that plan. Yes, you will see students and faculty in masks, and hear pandemic comments from them on page fourteen, but these pages are meant to show how we teach throughout Vermont. Many of you knew VTC as one or maybe two campuses, and perhaps just a few programs, but we are now so much more! So, take this virtual tour of Vermont Tech, read what your fellow alumni are up to in Class Notes, and enjoy!



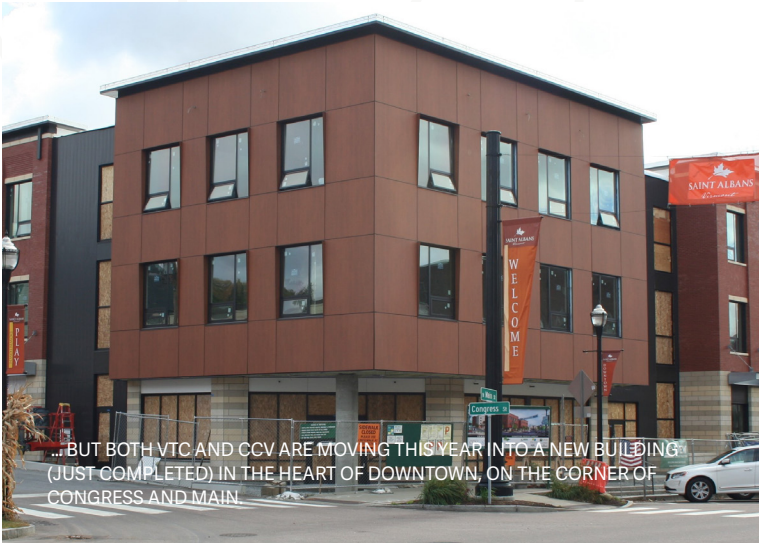
Vermont Tech's sole campus for over 100 years was in Randolph Center, first as the Randolph Normal School, then the Vermont School of Agriculture, then the Vermont Agriculture and Technical Institute, and since 1962, Vermont Technical College...

NORTHWESTERN VERMONT

JOHNSON ST. ALBANS

Vermont Tech's School of Nursing and Health Professions operates from two campuses in Northwestern Vermont: one on the campus of our VSCS sister school, Northern Vermont University-Johnson, and another in downtown St. Albans, sharing space with another sister school, the Community College of Vermont (CCV).

UNDER THE SUPERVISION
OF SITE DIRECTOR **LISA
FOX, DNP, MS/ED, BSN, RN,**
THE PREVIOUS LOCATION
FOR THE ST. ALBANS LAB
WAS ON ROUTE 7 JUST
SOUTH OF THE CITY...



...BUT BOTH VTC AND CCV ARE MOVING THIS YEAR INTO A NEW BUILDING (JUST COMPLETED) IN THE HEART OF DOWNTOWN, ON THE CORNER OF CONGRESS AND MAIN



THE VTC NURSING LAB ON THE NVU-JOHNSON CAMPUS IS IN THE WILLEY LIBRARY AND LEARNING CENTER, UNDER THE DIRECTION OF VERMONT TECH'S ASSOCIATE DEAN OF NURSING, SARAH BILLINGS-BERG, DC, DNP, RN, CN.

VERMONT TECH

With Chittenden County being the most populous county in the state, it made sense to offer classes there for students who could not make the commitment to live in Randolph Center - an hour away - either because they are adult students with jobs and families in Chittenden County, or cannot afford a residential experience and need to commute to college daily...



WILLISTON

Vermont Tech began teaching continuing education classes to staff at IBM in 1985, using space in the Blair Park corporate/industrial complex. VTC purchased the Blair Park buildings between 2003 and 2005, creating a 50,000 square-foot campus by the 2007-2008 school year. Enrollment climbed from 32 students in 2003 to almost 400 in 2008.



IN THE CENTER OF THE CIRCULAR DRIVE ARE FOUR BUILDINGS HOUSING CLASSROOMS, LABS, AND ADMINISTRATION. THE 700 BUILDING INCLUDES RESIDENCE DORMS ON THE TOP TWO FLOORS.

THE 300 BUILDING IS THE DENTAL HYGIENE LAB, WITH 22 STATIONS WHERE SENIOR STUDENTS CLEAN THE TEETH OF EACH OTHER AND COMMUNITY MEMBERS. THE RENOVATION OF THE LAB WAS MADE POSSIBLE BY A \$750,000 FEDERAL GRANT IN 2004, CHAMPIONED BY US SENATOR JIM JEFFORDS, WHEN VERMONT TECH TOOK OVER DENTAL HYGIENE FROM UVM.



ELECTRICAL ENGINEERING TECHNOLOGY IS ONE OF THE ORIGINAL MAJORS OFFERED IN WILLISTON, AND ONE OF THE MANY NOW OFFERED ON BOTH THE WILLISTON AND RANDOLPH CENTER CAMPUSES.

The Williston campus now offers 26 majors to 600 students each year in various disciplines:

- Business Technology & Management
- Computer Engineering Technology
- Computer Software Engineering
- Computer Information Technology
- Dental Hygiene
- Electrical Engineering Technology
- Entrepreneurship
- Nursing
- Paramedicine
- Professional Pilot Technology
- Radiologic Science
- Respiratory Therapy

The majority of students in Williston commute to school daily, but the campus includes the three-story red brick building housing fifty to sixty residential students on the top two floors.



US REPRESENTATIVE PETER WELCH WAS ON HAND FOR THE GRAND OPENING OF THE WILLISTON ADVANCED MANUFACTURING LAB IN 2017.



VERMONT TECH'S SIMULATION PROGRAM DIRECTOR MICHELLE STEARNS, DNP, MSN, RN, BRINGS THE NURSING MOBILE SIM LAB AND HUMAN SIMULATOR NOT JUST TO OTHER VTC REMOTE CAMPUSES, BUT ALSO TO RURAL HOSPITALS AND CLINICS THAT SEEK ADDITIONAL TRAINING FOR THEIR HEALTHCARE STAFF.



THE PROFESSIONAL PILOT TECHNOLOGY PROGRAM FEATURES SIMULATORS AND SEVERAL TYPES OF AIRCRAFT TO PROVIDE UP TO SEVEN FLIGHT CERTIFICATIONS FOR STUDENTS AS THEY EARN THEIR BACHELOR DEGREES.



In 2017, Vermont Tech added mobile options for expanding instruction in Nursing, Dental Hygiene, and Engineering with the Mobile Nursing SimLab, the Molar Mobile, and On the Move – the Mobile Manufacturing Lab...

Nursing often attracts non-traditional college students – those who have been out of high school for years, or have already earned a college degree in another field. Some find it impractical or impossible to interrupt two years of their lives to attend college, with a spouse or children at home and too far from Randolph Center or Williston to commute...



...so Vermont Tech brought the campus to the student...



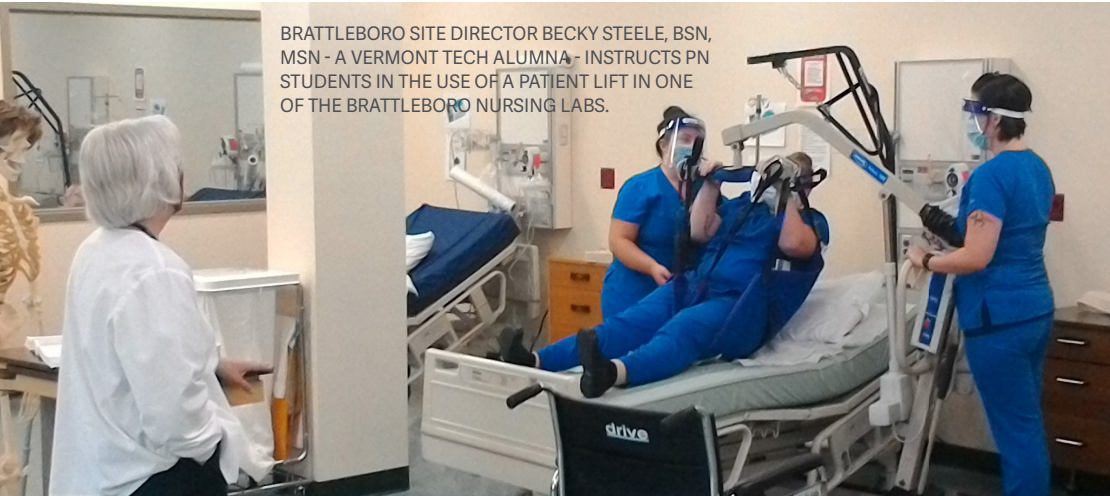
SOUTHERN VERMONT

BRATTLEBORO
BENNINGTON
& MIDDLEBURY
RUTLAND

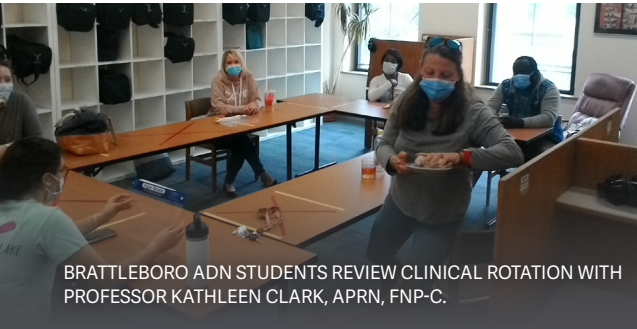
The Thompson School of Practical Nursing, founded in 1907, was one of the oldest operating nursing schools in the country when it was taken over by Vermont Tech in 1994. Sharing the second floor of the Brooks House with CCV, the campus includes simulation labs and offers Practical Nursing Certificates (PN) and Associate Degrees in Nursing (ADN) to up to thirty-six students a year.

The Site Director for Bennington, Rutland, and Middlebury, Carolyn Stannard-Carlo, DNP, RN, believes strongly in providing remote campus opportunities, 'You cannot send people outside the state to educate them for nursing, you need to do it in state.' In Rutland and Middlebury, the VTC

campuses share space in the regional Career & Technical Education (CTE) centers. The three sites serve between twenty-five and thirty-six students each year. The Bennington campus also offers a major in Paramedicine.



BRATTLEBORO SITE DIRECTOR BECKY STEELE, BSN, MSN - A VERMONT TECH ALUMNA - INSTRUCTS PN STUDENTS IN THE USE OF A PATIENT LIFT IN ONE OF THE BRATTLEBORO NURSING LABS.



BRATTLEBORO ADN STUDENTS REVIEW CLINICAL ROTATION WITH PROFESSOR KATHLEEN CLARK, APRN, FNP-C.



VERMONT TECH AND CCV SHARE THE SECOND FLOOR OF THE HISTORIC BROOKS HOUSE ON MAIN STREET IN DOWNTOWN BRATTLEBORO.



THE VERMONT TECH CAMPUS IN DOWNTOWN BENNINGTON.



VERMONT TECH OPERATES OUT OF THE HANNAFORD CAREER CENTER IN MIDDLEBURY.



NURSING STUDENTS IN CLASS IN BENNINGTON.



IN RUTLAND, THE STAFFORD TECHNICAL CENTER PROVIDES TELEPRESENCE CLASSROOM SPACE FOR VERMONT TECH NURSING.

CLASS NOTES

Wayne Morse, VSA '45, Wayne and his cousin Stanley came to the Vermont School of Agriculture at the end of World War II. After graduating, Wayne worked in agriculture for a number of years, including the Granite City Coop Creamery Association and running his own greenhouse business, before joining IBM in 1965. He worked there in engineering for 27 years, which included overseas business travel. Now 91 and still full of Moxie, Wayne is retired and lives in Montpelier, looking forward to the next Homecoming.



Harold Wood, HT '67, worked for the Vermont Department of Transportation for a year after graduating, then joined the US Navy. "Because of the education I received at VATI, I got to be a Navy Seabee surveyor and it helped me advance rather quickly." His degree and experience earned him a job at a civil engineering firm as he pursued his bachelor degree at UNH. Harold now lives in Florida and is the owner of Wood Engineering."



Joe Greene, ABT '86, has owned and operated Joseph Architects in Waterbury Center for 20 years, focusing on health care, commercial, and sustainable projects. "VTC taught me the discipline of a demanding work schedule. The Tech showed me the value in being efficient with time. The curriculum packed four years' worth of academics into



a two-year program." Joe credits professors Harry Wirtz and Robert Brady with exemplifying academic professionalism, inspiring him to accomplish his goals.

VELCO, the Vermont Electric Power Company, promoted **Dan Nelson, EET '91 & CET '92**, to Vice President of Power Technology. He has served as the company's Director of Technology since 2015, leading the IT and Telecommunication teams, and has another 15 years of experience in designing, setting up, and maintaining VELCO's 1,600-mile fiber network. VELCO is Vermont's statewide electric transmission provider.



DuBois & King, Inc., a consulting and engineering firm with offices throughout New England, has promoted **Michael Hildrenbrand, PE, MEC '96 & ELM '08**, to Director of Environmental Services Division. After his first two degrees at VTC, he earned an MPA from Norwich in 2013, and served as Vice President of the Pi Alpha Alpha National Honor Society. He was elected to the D&K Board of Directors in 2020, and also serves as D&K's Senior CADD Technical Supervisor, mentoring to staff regarding the use of CADD (Computer-Aided Design & Drafting). Michael and his wife Angela, VTC BUS'97, live in Randolph, where Michael is Fire Chief of the Randolph Fire Department.



Kim Greenwood, MEC '99, served in state government at the Natural Resources Council as a Water Program Director, and gained engineering experience at Husky Injection Molding and Scitest Laboratories. Service on numerous boards like Vermont River Conservancy, Vermont Beekeepers Association, and the Town of Duxbury Planning Commission will guide her in her new role as Deputy Commissioner of the State Department of Environmental Conservation. "We work to modernize and simplify our permitting system while protecting the environment." Kim lives in Duxbury with her husband, where they run Camel's Hump Honey.



While studying Landscape Design & Ornamental Horticulture, **Ryan Bjorn, LAH '07**, interned with the grounds crew at Fenway Park in Boston and then at Gillette Stadium. After eight years of field maintenance in Maryland, Ryan was hired in 2019 to be Field Superintendent at Gillette Stadium, home of the New England Patriots. He is pictured here with Boyd, the border collie-husky mix tasked with chasing the Canadian geese off the field.



Tony Ioannidis, FSC '17, After graduating in 2017, Tony went to work as a firefighter/paramedic in Massachusetts. "I don't think I would have the career I have if it wasn't for the VTC Fire Science program. Those two years were very memorable and taught me more than I ever thought I'd learn."



Do you have news to share?

We want to hear from you for the Summer issue. Go to the vtc.edu/alumni page and click on Class Notes, or email your story and photos to alumni@vtc.edu.

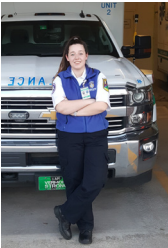
Since graduation, **Josie Green, ADN '17**, has been working as a Medical Surgery nurse at Southwestern Vermont Medical Center in Bennington, Vermont, but these days spends most of her time with COVID-19 patients. She married her husband, Josh, after his five years in the US Marine Corps. "I will be forever grateful for the education the VTC Bennington campus provided for me. I was taught by the best there and felt well prepared for the real world of nursing when I graduated!"



Therran Adams, FSC '19, first came to Vermont Tech as a VAST student, finishing her senior year of high school during her first year of college. She earned her Associate Degree in 2019 and joined the East Montpelier Fire Department as both a firefighter and EMS provider. "VTC Fire Science took my love for firefighting and community service and gave me the training to do the job I love."



Courtney Lynn Clark, FSC '19, is an EMT for the Rutland Regional Ambulance Squad and she loves her job! She considered VTC for the Vet Tech program, but majored in Fire Science instead and says it was, "the best decision ever, especially for the amount of people who need me... I owe it to Vermont Technical College in Randolph for making it possible to make my dreams a reality. Especially with all the hard work. The classes taught me everything I know about being a leader and team player." Courtney is now attempting to get into the Elizabethtown, NY ER and working her way to become a Paramedic.



Kyla Thompson, ADN '19 tells us "Receiving my Practical Nurse certificate from Vermont Tech during my first year ... allowed me to immediately start working in the Emergency Department. Without this experience I would not have been successful at a position as an RN in the Emergency



Department (especially during a pandemic)." Now a Registered Nurse, Kyla works the Emergency Room in the LRG Healthcare system, with two acute care hospitals in Franklin and Laconia, New Hampshire, where Laconia Bike Week brings in a surge in trauma cases every year.

IN MEMORIAM

Carroll Sanderson
Agricultural Technology, '48

Allen Earnest "Pete" Hemenway,
Highway Technology, '59

Robert Bradway
Electrical Engineering, '60

Raymond "Ray" J. Lizotte
Highway Technology, '60

Thomas Long,
Electrical Engineering, '60

John Moulton, Jr.,
Agricultural Technology, '68

Wendell Arthur Mudgett
Agricultural Technology, '68

John Brian Hall,
Mechanical Engineering, '82

Mark Stewart,
Architectural & Building Technology, '82

George Arthur Jamison
Electrical Engineering Technology, '94

Jean Hakim, Professor of Computer Sciences



Alan Curler, Agriculture Technology '70 was known to Vermont Tech and the Vermont agriculture business family for fifty years. At Vermont Tech, he was a ubiquitous presence in the Alumni Association and at many college and alumni events – his favorite being the Alumni Dinner Cruise on Lake Champlain every June. For Vermont farmers, Alan worked dairy farms before becoming a lender for the USDA and the Vermont Agricultural Credit Corporation. For his lifelong work, Alan was recognized with an Honorary American Future Farmers of America Degree at the 2017 National FFA Convention & Expo in Indianapolis. Alan passed away unexpectedly in his sleep on January 20, 2020.

Vermont Tech will miss Alan greatly.

VERMONT TECH

The average age of a Vermont Tech nursing student is twenty nine...



Hands-on, applied learning is a hallmark of a Vermont Tech education, and the Human Simulators of the nursing labs are perfect examples of providing an opportunity for students to gain experience in their field of study without putting anyone at risk...

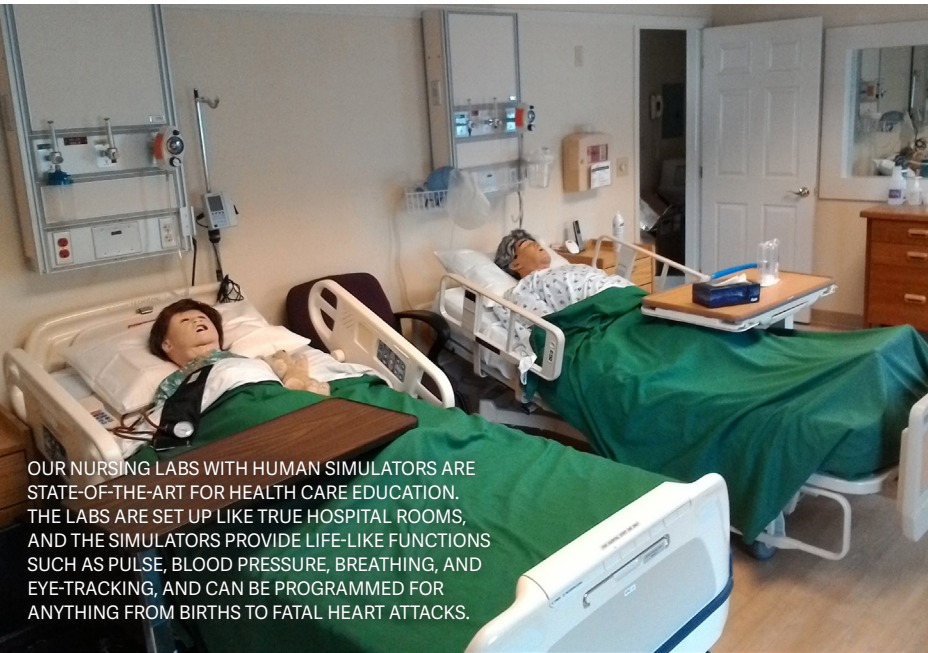
NORTHEAST KINGDOM

Phyllis Mitchell, RN, MSN is the new Site Director for the Vermont Tech campuses serving northeastern Vermont, offering Practical Nursing Certificates and Associate Degrees in Nursing to over fifty students on three campuses.



A FORMER CARRIAGE HOUSE ON THE GIFFORD MEDICAL CENTER CAMPUS IS THE NEW HOME FOR VERMONT TECH NURSING SIMULATION IN RANDOLPH.

Gifford Medical Center has always been a strong supporter of Vermont Tech, and recently offered space on their hospital campus for a new VTC nursing lab. Construction was completed this year and the lab is ready to go.



OUR NURSING LABS WITH HUMAN SIMULATORS ARE STATE-OF-THE-ART FOR HEALTH CARE EDUCATION. THE LABS ARE SET UP LIKE TRUE HOSPITAL ROOMS, AND THE SIMULATORS PROVIDE LIFE-LIKE FUNCTIONS SUCH AS PULSE, BLOOD PRESSURE, BREATHING, AND EYE-TRACKING, AND CAN BE PROGRAMMED FOR ANYTHING FROM BIRTHS TO FATAL HEART ATTACKS.

RANDOLPH NURSING LAB



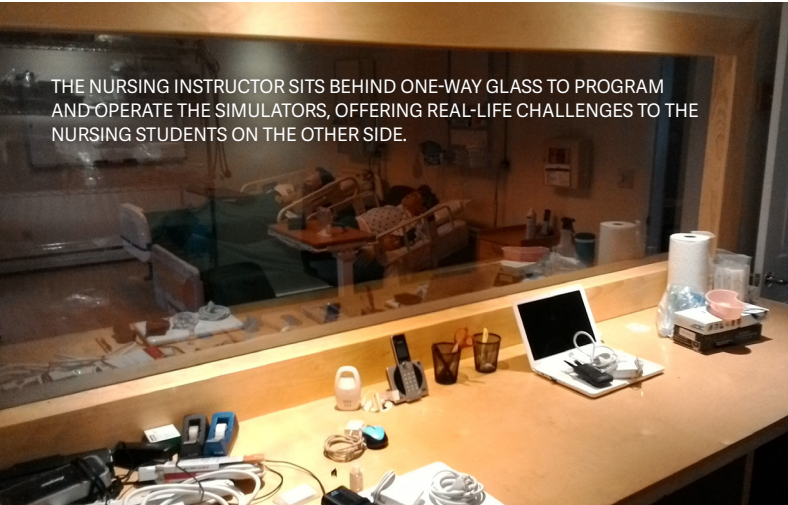
UNTIL THIS YEAR, VERMONT TECH SHARED SPACE IN NEWPORT WITH THE NORTH COUNTRY CAREER CENTER, BUT RECENTLY MOVED DOWNTOWN TO OCCUPY THE EMORY A. HEBARD STATE OFFICE BUILDING WITH OUR SISTER COLLEGE, CCV.



IN WHITE RIVER JUNCTION, VERMONT TECH SHARES SPACE WITH THE CCV-WILDER CAMPUS.



IN LYNDON, THE VERMONT TECH NURSING LAB IS LOCATED IN VAIL HALL ON THE NORTHERN VERMONT UNIVERSITY CAMPUS.



THE NURSING INSTRUCTOR SITS BEHIND ONE-WAY GLASS TO PROGRAM AND OPERATE THE SIMULATORS, OFFERING REAL-LIFE CHALLENGES TO THE NURSING STUDENTS ON THE OTHER SIDE.





THE OLD DORM IN RANDOLPH CENTER.



DAIRY FARM MANAGEMENT STUDENTS WORKING WITH CALVES ON THE VERMONT TECH FARM (2019).



THE FARM AT VERMONT TECH.

RANDOLPH CENTER

THE FLAGSHIP OF VERMONT TECH

Diversified Agriculture, Computer Science, Construction Project Management, Landscape Contracting, Civil & Environmental Engineering Technology, Dairy Farm Management, Advanced Manufacturing, Veterinary Technology, Forestry, Electrical Engineering Technology, Mechanical Engineering Technology, Architectural Building Technology, Nursing, Business Technology & Management, Renewable Energy, and Automotive & Diesel majors are all taught on the Randolph Center campus.



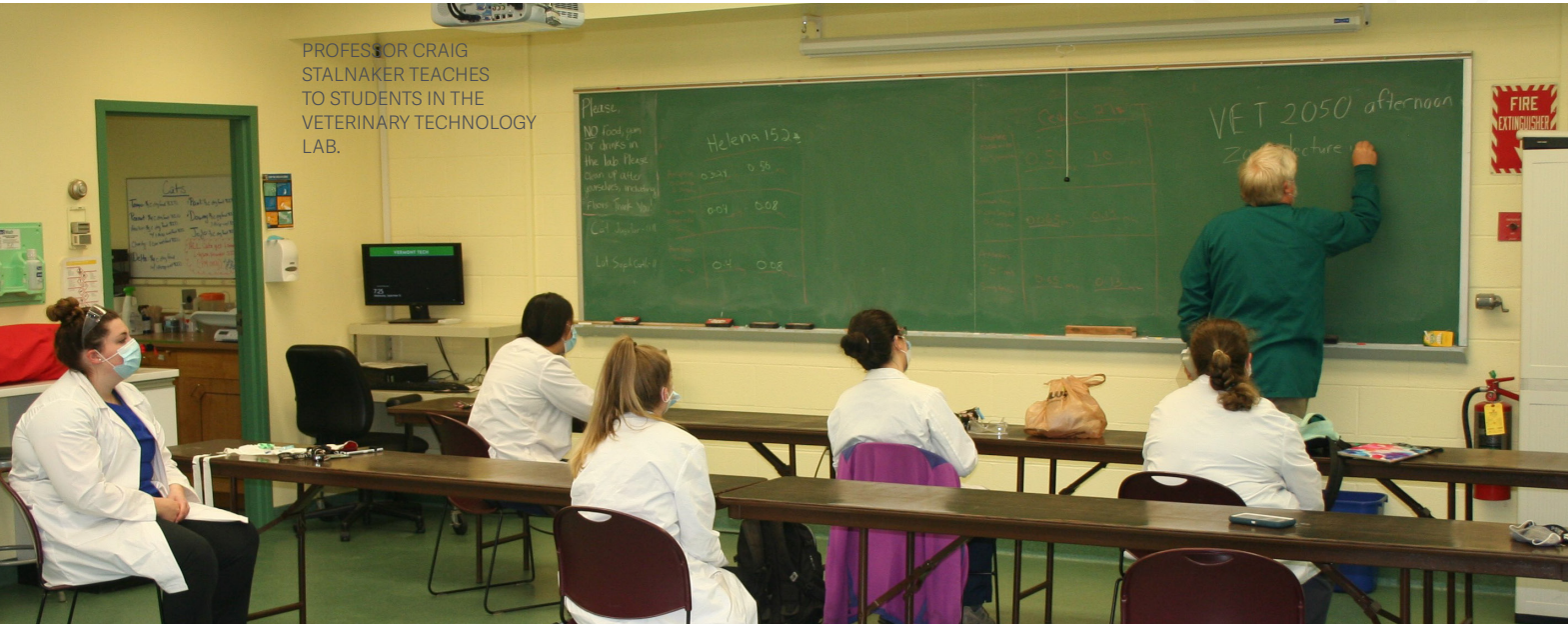
MASKED AGAINST THE COVID-19 PANDEMIC, CONSTRUCTION PROJECT MANAGEMENT STUDENTS STUDY IN THE CPM LAB.



GROUND TRANSPORTATION ASSOCIATE PROFESSOR WILL WHEELER INSTRUCTS STUDENTS IN COMPUTER DIAGNOSTICS OF A DIESEL ENGINE (2019).



The mission of Vermont Tech is to provide career-focused, professional, and technical education in a caring community which empowers students for immediate workplace success and continued learning.



PROFESSOR CRAIG STALNAKER TEACHES TO STUDENTS IN THE VETERINARY TECHNOLOGY LAB.



CIVIL & ENVIRONMENTAL ENGINEERING TECHNOLOGY STUDENTS GET THEIR HANDS DIRTY WITH A CONCRETE "SLUMP TEST" (2019).



ASSISTANT PROFESSOR DAN COSTIN WORKING WITH STUDENTS IN THE MECHANICAL ENGINEERING LAB.

The COVID-19 pandemic has certainly brought some challenges to Vermont Tech.

We made many changes to accommodate, including teaching classes remotely, bringing students onto campus for designated lab weeks, requiring masks and social distancing, and much more. You can hear from students and faculty in their own words what it has been like:

VONNIE, STUDENT

VETERINARY TECHNOLOGY '21

"...the whole online side of things, it tends to distract from the experience of the program, but I am quite glad that we are able to come in as often as we do for the labs..."

CAROLYN STANNARD-CARLO, BENNINGTON SITE DIRECTOR

"...as a nurse you need to be flexible and during a crisis or pandemic, we flex our needs to protect our patients and nursing students, and you still can learn in any environment."

MEGAN, STUDENT

DENTAL HYGIENE '21

"They have done a lot to ensure that we are going to get our degrees... Even though COVID has thrown a wrench in our plans, they are definitely making sure that we are prepared."

JAMIE, STUDENT

PRACTICAL NURSING '21

"It's a little bit more challenging, but it's actually nice, because nursing is challenging, so having to be challenged a little bit more than usual is more fun. Usually you don't go to school with masks on and shields, so I'm getting used to what it will be like to be a nurse."

BECKY STEELE

BRATTLEBORO SITE DIRECTOR

"We have, I think, a very strong group, and they're going to be even stronger. They're going to understand isolation precautions, wearing PPE, and social distancing."

EMILY, STUDENT

VETERINARY TECHNOLOGY '21

"I like the smaller groups, more hands-on ... we can do more in a shorter period of time."

DONALD, STUDENT

ASSOCIATE DEGREE IN NURSING '21

"A lot of us are nurses because we want to help people. This pandemic gives us even more reasons to do what we are doing right now. And going forward, this won't be the last one we face."

ROSS LIEBLAPPEN, PhD

ASSISTANT PROFESSOR OF PHYSICS

"... Specific to science classes, I have appreciated seeing students' creativity as we work together to personalize each lab experiment to perform at home. For example, haven't you always wanted to measure how quickly a cat accelerates and rotates its body as it is dropped (from a safe height)?"

CHELSEA, STUDENT

ASSOCIATE DEGREE IN NURSING '21

"It's been challenging, but we've had to learn to adapt. We're nurses, and we'll have to adapt in our work, our careers, so we've had to do the same thing here, in our school lives."

LEANNA, STUDENT

VETERINARY TECHNOLOGY '21

"It's difficult being on campus, not so much in classes, but stuck in a small room, can't really socialize with anybody."

ROBIN GUILLIAN

PROFESSIONAL PILOT PROGRAM DIRECTOR

"This pandemic has required our students and faculty to be resilient, focused, and look for creative solutions all while managing high risk in a constantly changing environment. That is what pilots do every day to keep their passengers safe."

LISA, STUDENT

PRACTICAL PURSING '21

"I like to be challenged – learning to adapt and overcome.... Obviously more stressful, some of us have kids at home, and it's hard to adapt to that situation also. Being at home, and doing online classes while our kids are doing online classes can be very difficult, but, we get through it!"

JEFF HIGGINS, EdD

PROFESSOR

"Vermont Tech is all about technology and while face-to-face instruction is best, it was no surprise that our faculty and students were able to pivot and create powerful learning environments using state of the art technologies."

DEVIN, STUDENT

RENEWABLE ENERGY '21

"Our faculty have become way more flexible to accommodate the difficulty of online workloads and, as always, are happy to help when you ask."



THE HARTNESS LIBRARY ON THE RANDOLPH CENTER CAMPUS IN WINTER.

Hartness Library 20

In addition to sharing several campuses with our VSCS sister college, the Community College of Vermont, VTC & CCV also share the Hartness Library. It is a resource for students, faculty, and staff from both colleges to access books, magazines, professional journals, academic publications, videos, audio recordings, oral histories, and online sources of valuable information. Both colleges even collaborate on a monthly Book Club, with librarians, faculty, and staff from both colleges currently meeting online.

This year is the 20th anniversary of Vermont Tech and CCV merging library services through the Hartness Library. Thanks to this merger, the Hartness Library has been able to serve students at all of the campus sites Vermont Tech has to offer beyond Randolph Center for the last 20 years.

While all VTC students can access materials from Hartness library online and through the mail and campus-to-campus delivery, Vermont Tech maintains two physical library spaces: in the center of the Randolph Center campus and in the 400 building in Williston.

The Hartness Library is named for James Hartness (1861-1934) – a Governor of Vermont as well as an inventor and aviator. You can learn more about the merger on the Hartness online guide:

<https://libguides.hartness.vsc.edu/Hartness20/>



THE LIBRARY ON THE WILLISTON CAMPUS.



VERMONT TECH

Development & Alumni Relations
PO Box 500, Randolph Center, VT 05061

