

Addendum
Curriculum Committee Meeting
October 04, 2023



Spaulding High School

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September 27, 2023

Principal
Luke Aither

To: BUUSD Board Curriculum Committee
From: Mari Goodridge Miller, SHS AP for Faculty
Re: AP and Embedded Honors courses

Assistant Principal
of Faculty
Mari Goodridge Miller

Attached please find three sets of documents: AP Score Reports for Educators Spring 2023, an historic perspective on AP scores for the last four years, and a list of all courses offered for the 2023-2024 school year with embedded Honors designations.

Assistant Principal
of Students
Rebecca Busker

The AP Score Reports for Educators provide a breakdown of the scores as well as how we compare with our state and globally for scores on the various tests.

Director of Athletics
& Activities
Derek Cipriano

The historic perspective on AP exam results is for the last four years so that you can have an idea of what tests were given and how Spaulding students have scored.

The current course list with the embedded Honors designations as well as the AP offerings.

I look forward to reviewing and discussing these documents and our program with you.

Best,

Mari Goodridge Miller

AP Score Reports For Educators

Subject Score Roster - 2023

Data Updated: July 26, 2023

Report Run: September 08, 2023

Spaulding High School (460015)

Biology

[All Sections](#)

No Filters Applied



STUDENTS TAKING EXAM

YOUR GROUP

17

SCHOOL

17

VT

GLOBAL

403

241,014



MEAN SCORE

YOUR GROUP

2.82

SCHOOL

2.82

VT

GLOBAL

3.23

3.04



% SCORES 3 OR HIGHER

YOUR GROUP

58.8%

SCHOOL

58.8%

VT

GLOBAL

69.5%

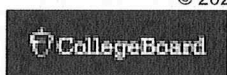
64.4%

Score Distributions with Comparables

Comparable groups Total Students Score 1 Score 2 Score 3 Score 4 Score 5 Mean score — Your group (All Selected Sections) 17 0%

(0) 41% (7) 41% (7) 12% (2) 6% (1) 2.82 2223 (L. Mudge) 17 0% (0) 41% (7) 41% (7) 12% (2) 6% (1) 2.82 School 17 0% (0) 41% (7) 41%

(7) 12% (2) 6% (1) 2.82 VT 403 4% 26% 30% 21% 19% 3.23 Global 241,014 12% 24% 27% 23% 14% 3.04



AP Score Reports For Educators

Subject Score Roster - 2023

Data Updated: July 26, 2023

Report Run: September 08, 2023

Spaulding High School (460015)

Calculus AB

All Sections

No Filters Applied

STUDENTS TAKING EXAM	
YOUR GROUP	SCHOOL
13	13
VT	GLOBAL
432	274,903

MEAN SCORE	
YOUR GROUP	SCHOOL
2.54	2.54
VT	GLOBAL
2.78	2.99

% SCORES 3 OR HIGHER	
YOUR GROUP	SCHOOL
38.5%	38.5%
VT	GLOBAL
52.3%	58.0%

Score Distributions with Comparables

Comparable groups Total Students Score 1 Score 2 Score 3 Score 4 Score 5 Mean score — Your group (All Selected Sections) 13 8%
 (1) 54% (7) 23% (3) 8% (1) 8% (1) 2.54 Block 3 (E. Carter) 13 8% (1) 54% (7) 23% (3) 8% (1) 8% (1) 2.54 School 13 8% (1) 54% (7) 23%
 (3) 8% (1) 8% (1) 2.54 VT 432 21% 27% 22% 14% 16% 2.78 Global 274,903 20% 22% 19% 16% 22% 2.99

AP Score Reports For Educators

Subject Score Roster - 2023 Data Updated: July 26, 2023 Report Run: September 08, 2023

Spaulding High School (460015)

English Literature and Composition

All Sections

No Filters Applied

STUDENTS TAKING EXAM	
YOUR GROUP	SCHOOL
14	14
VT	GLOBAL
612	358,385

MEAN SCORE	
YOUR GROUP	SCHOOL
3.14	3.14
VT	GLOBAL
3.54	3.26

% SCORES 3 OR HIGHER	
YOUR GROUP	SCHOOL
85.7%	85.7%
VT	GLOBAL
86.4%	77.1%

Score Distributions with Comparables

Comparable groups	Total Students	Score 1	Score 2	Score 3	Score 4	Score 5	Mean score	— Your group (All Selected Sections)									
(0) 14% (2) 57% (8) 29% (4) 0%	(0) 3.14	Block 1 (A. Saldi)	14	0%	(0) 14% (2) 57% (8) 29% (4) 0%	(0) 3.14	School	14	0%	(0) 14% (2) 57%							
(8) 29% (4) 0%	(0) 3.14	VT	612	3%	11%	35%	32%	19%	3.54	Global	358,385	9%	14%	34%	28%	15%	3.26



AP Score Reports For Educators

Subject Score Roster - 2023 Data Updated: July 26, 2023 Report Run: September 08, 2023

Spaulding High School (460015)

Statistics

All Sections

No Filters Applied

STUDENTS TAKING EXAM	
YOUR GROUP	SCHOOL
5	5
VT	GLOBAL
397	244,068

MEAN SCORE	
YOUR GROUP	SCHOOL
2.60	2.60
VT	GLOBAL
2.94	2.88

% SCORES 3 OR HIGHER	
YOUR GROUP	SCHOOL
60.0%	60.0%
VT	GLOBAL
63.0%	59.9%

Score Distributions with Comparables

Comparable groups		Total	Students	Score 1	Score 2	Score 3	Score 4	Score 5	Mean score	Legend	Score 1	Score 2	Score 3	Score 4	Score 5	Mean score
Your group (All Selected Sections)		5	0%													
(0) 40% (2) 60% (3) 0% (0) 0% (0) 2.60 VHS 300 (No Teacher Assigned)		5	0%													
(0) 40% (2) 60% (3) 0% (0) 0% (0) 2.60 School 5		0%														
(2) 60% (3) 0% (0) 0% (0) 2.60 VT 397		16%	21%	28%	22%	12%	2.94	Global 244,068	24%	16%	23%	22%	15%	2.88		

AP Score Reports For Educators

Subject Score Roster - 2023 Data Updated: July 26, 2023 Report Run: September 08, 2023

Spaulding High School (460015)

United States Government and Politics

All Sections

No Filters Applied

STUDENTS TAKING EXAM	
YOUR GROUP	SCHOOL
39	39
VT	GLOBAL
423	330,731

MEAN SCORE	
YOUR GROUP	SCHOOL
2.05	2.05
VT	GLOBAL
2.90	2.59

% SCORES 3 OR HIGHER	
YOUR GROUP	SCHOOL
33.3%	33.3%
VT	GLOBAL
59.3%	49.2%

Score Distributions with Comparables

Comparable groups Total Students Score 1 Score 2 Score 3 Score 4 Score 5 Mean score — Your group (All Selected Sections) 39 41%

(16) 26% (10) 23% (9) 8% (3) 3% (1) 2.05 B3 2022 (K. St Raymond) 20 45% (9) 30% (6) 15% (3) 10% (2) 0% (0) 1.90 B4 2022 (K. St Raymond) 18 39% (7) 22% (4) 28% (5) 6% (1) 6% (1) 2.17 VHS 231 (No Teacher Assigned) 1 0% (0) 0% (0) 100% (1) 0% (0) 0% (0) 3.00 School 39 41% (16) 26% (10) 23% (9) 8% (3) 3% (1) 2.05 VT 423 15% 25% 30% 12% 17% 2.90 Global 330,731 27% 24% 25% 11% 13%

2.59

2023 AP Exam Results

Subject	Total Exams	Average Score	Percent of Exams with Scores of 3 or Higher
English Literature and Composition	14	3.14	85.7%
Biology	17	2.82	58.8%
U.S. Government and Politics	39	2.05	33.3%
Calculus AB	13	2.54	38.5%
Statistics	5	2.6	60%

2022 AP Exam Results

Subject	Total Exams	Average Score	Percent of Exams with Scores of 3 or Higher
English Language and Composition	17	2.18	29.4%
Biology	12	2.92	75%
U.S. Government and Politics	2	2.5	50%
Psychology	3	3.33	66.7%
Calculus AB	13	2.46	38.5%
Calculus BC	1	2	0%
Statistics	5	2.40	60%
Macroeconomics	2	1	0%
Microeconomics	2	2.5	50%

2021 AP Exam Results

Subject	Total Exams	Average Score	Perecent of Exams with Scoires of 3 or Higher
English Language and Composition	16	2.3	44%
English Literature and Composition	9	1.7	0%
Psychology	18	2.7	61%
US Government and Politics	14	2.6	64%
Comparative Government & Politics	1	4	100%
Calculus AB	5	1.6	20%
Calculus BC	9	2	22%
Statistics	7	3.6	86%
Biology	13	2.6	54%

2020 AP Exam Results

Subject	Total Exams	Average Score	Percent of Exams with Scores of 3 or Higher
English Language and Composition	41	2.5	44%
English Literature and Composition	14	2.7	64%
European History	6	2.2	33%
Psychology	11	2.7	64%
United States History	37	1.8	24%
Calculus AB	7	2	14%
Calculus BC	17	3	65%
Statistics	6	3.2	83%
Music	1	3	100%
Biology	8	3.4	88%
Chemistry	12	2.3	42%

Classes with an asterisk offer embedded Honors

Course Code	Course Name	Credits
ENG121	Humanities - English *	1
ENG201	Sophomore English *	1
ENG415	Social Issues in Literature *	1
ENG425	Literature of War *	1
ENG426	Modern American Voices *	1
ENG448	The Graphic Novel *	1
ENG449	Irish Literature *	1
ENG450	Junior/Senior Seminar	1
ENG501	AP Eng. Lang & Comp	2
ENG600	CCV-English Composition	1
ENG601	CCV-Contemporary World Lit	1
HIS111	Modern World History	1
HIS121	Humanities - History *	1
HIS301	U.S. History *	1
HIS304	Civics	0.5
HIS306	Native American History *	0.5
HIS312	Vermont History *	0.5
HIS314	Sociology *	0.5
HIS321	Holocaust Studies *	0.5
HIS322	Medieval Studies *	0.5
HIS325	American Civil War *	0.5
HIS326	Irish History *	0.5
HIS504	AP Macroeconomics	1
HIS505	AP Microeconomics	1
HIS600	CCV-World History 1	1
HIS610	CCV-Intro to Psychology	1
MAT100	Algebra 1 Honors	1
MAT103	Connection	2
MAT105	Foundations	2
MAT110	Algebra 1 Pt. A	1
MAT111	Algebra 1 Pt. B	1
MAT112	Financial Algebra	1
MAT200	Geometry Honors	1
MAT202	Geometry	1
MAT300	Algebra 2 Honors	1
MAT303	Algebra 2	1
MAT400	Pre-Calculus Honors	1
MAT403	Statistics	1
MAT450	Robotics	1
MAT455	Engineering	1
MAT460	Computer Science	1

MAT500	AP Calculus AB	2
MAT503	AP Statistics	1
MAT600	AP Calculus BC	2
SCI120	Physical Science *	1
SCI220	Life Science *	1
SCI301	Chemistry *	1
SCI305	Anatomy and Physiology *	1
SCI311	Physics *	1
SCI314	Marine Biology *	1
SCI315	Forensic Science *	1
SCI316	Criminalistics *	1
SCI326	STEAM Design Fundamentals *	1
SCI325	Science of Engineering *	1
SCI500	AP Biology	2
SCI610	CCV - Intro to Environmental Science	1
WLA101	French 1	1
WLA103	French 2 *	1
WLA104	French 3 *	1
WLA111	Spanish 1	1
WLA112	Spanish 2 *	1
WLA113	Spanish 3 *	1
WLA200	French IV Honors	1
WLA210	Spanish IV Honors	1
WLA300	French V Honors	1
WLA310	Spanish V Honors	1
WLA600	German Language & Culture	0.5
BUS106	Financial Literacy	0.5
FCS101	Wellness	1
FCS201	Health	1
FCS501	Nutrition	0.5
FNA101	Art Studio Introduction *	1
FNA102	Exploring Popular Music	1
FNA104	Learn to Draw *	0.5
FNA110	Band*	0.5
FNA111	Chorus*	0.5
FNA120	Jazz Ensemble	1
FNA201	Digital Photography *	1
FNA204	Advanced Art *	1
FNA211A	Advanced Choir	0.5

FNA212	Cinematography *	0.5
FNA301	Music Theory	0.5
FNA302	Beginning Guitar	1
FNA307	Guitar 2	1
FNA308A	World Drumming	0.5
FNA312	Ceramics *	0.5
FNA313	Piano Lab	0.5
FNA315	IDEA & Craft *	0.5
FNA317	Fiber Arts *	0.5
FNA318	Analog Animation *	0.5
FNA319	Music Appreciation	0.5
LET1	Leadership Ed & Training 1	1
LET2	Leadership Ed & Training 2	1
LET3	Leadership Ed & Training 3	1
LET4	Leadership Ed & Training 4	1
LET5	Leadership Ed & Training 5	1
LET6	Leadership Ed & Training 6	1
LET7	Leadership Ed & Training 7	1
LET8	Leadership Ed & Training 8	1
PED117	Personal Fitness	0.5
PED127	Team & Recreational Sports	0.5
PED128	Lifetime Activities	0.5
DRE201	Driver's Education	0.5
FP601	Maple Program	0.5
ADM106	CCV Intro to College and Career	0.5
WBL100	Admin Aides	0.5
WBL200A	Career Readiness	1
WBL200B	College Readiness	1
WBL300	Site Experience	1
SPN111	Life Skills	1



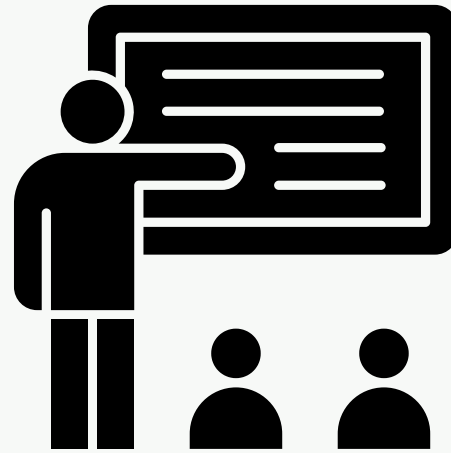
WORK BASED LEARNING

Curriculum Committee | October 2023

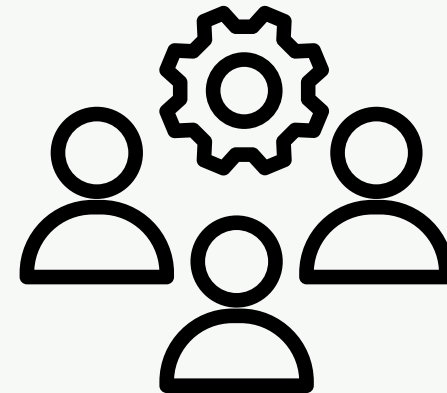
Our program allows students to ***explore*** careers, ***connect*** with businesses, ***learn*** about the functions of an organization, and understand the ***relevance*** of their education.



Explore



Educate



Experience



WBL Standard 1 Career Exploration *Students will acquire and apply self-knowledge in order to develop personal, learning and career goals.*

1a. Assess personal strengths and weaknesses as they relate to career exploration and development.

1b. Explain how decisions regarding education and work impact major life decisions.

1c. List and describe various types of occupations in the community and develop an awareness of occupational opportunities within the region (e.g. nursing, insurance, human services, carpenters, STEM).

Tier I - Employee/Career/College Panels (ECCPs)



DARTMOUTH COLLEGE
Sports Management



NATIONAL LIFE
Business, Finance, & Investments



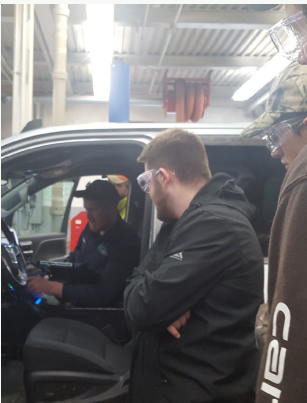
VERMONT AIR NATIONAL GUARD
Emergency Management, Ammo,
Engineering, Medical, & Avionics



UNIVERSITY OF VERMONT
College of Engineering &
Mathematical Sciences



WILKINS HARLEY DAVIDSON
Business & Marketing



VTRANS
Auto Mechanics &
Maintenance Workers



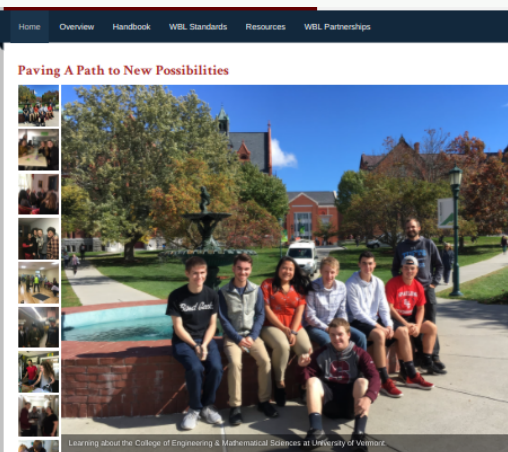
WBL Standard 2 College/Career Readiness *Students will understand how academic, technical, cross cluster and employability skills are needed to obtain or create, maintain and advance in one's career.* 5.2

2b. Students will understand their relationship to educational achievement and life-long learning by exploring and researching career clusters and identify career pathways of interest.

2c. Demonstrate skills to gain entrance into a post secondary institution and/or seek employment.

2d. Analyze several ways to classify occupations and assess which occupational classification system is most helpful in career exploration.

Tier II – WBL Courses, Enrichment Opportunities, & Workshops



WORK BASED LEARNING COURSES
WBL200A Career Readiness
WBL200B College Readiness
WBL300 Internships



VERMONT STUDENT ASSISTANCE CORPORATION
College Ready Workshops



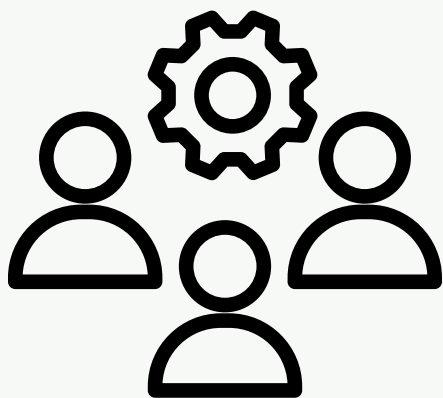
STEAM WORKSHOP SERIES
Pinbox 3000 Workshop with Generator



INTRODUCTION TO WORK BASED LEARNING
Soft Skills Workshop



PROJECT INVENT
Empowering Young Women to Be Innovator Thinkers



Experience

WBL Standard 2 College/Career Readiness *Students will understand how academic, technical, cross cluster and employability skills are needed to obtain or create, maintain and advance in one's career.*

2b. Students will understand their relationship to educational achievement and life-long learning by exploring and researching career clusters and identify career pathways of interest.

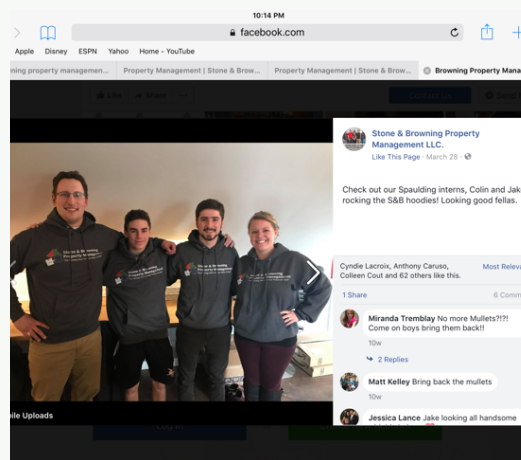
2c. Demonstrate skills to gain entrance into a post secondary institution and/or seek employment.

2d. Analyze several ways to classify occupations and assess which occupational classification system is most helpful in career exploration.

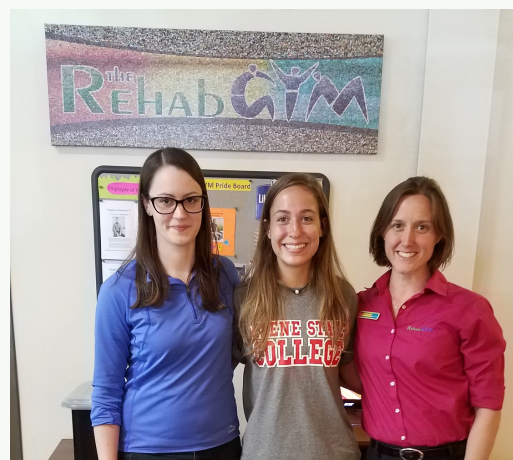
Tier III – WBL Rotations, Internships, & Post Secondary Options



CENTRAL VERMONT MEDICAL CENTER
Allied Health Rotation



STONE & BROWNING PROPERTY
*Alumni Mentors for Students
Interested in
Marketing/Management*



REHAB GYM
*Alumni Mentors for Students
Interested in Physical Therapy*



HUMAN SERVICES ROTATION
*Public Elementary Schools, Head
Start, & Montessori School*



INTERNSHIPS
*Communications/Media Internship
with Greater Eastern Radio: WORK*



What **E²T**s are available to me?
education, experience, & training

[] High School

Non Credit Online Trainings with Vermont Tech | College Courses with *Community College of Vermont* | *VAST*: Early College with Vermont Tech | Work Based Learning Experiences

[] Post High School

Workforce Development Programs in the areas of: Early Education, CDL, Manufacturing, & Allied Health | Generator Workshops or Classes | 2 or 4 year College/University | VTC's Continuing Education Workforce Development Programs

EDUCATION & TRAINING

5.2

[]

CAREER CLUSTER

E

education

Referring to the *Career Cluster posters, Spaulding High School's* Program of Studies, and other resources, what **high school courses and/or programs** will give you the foundation towards your career goals?

List exact courses that YOU have *taken already*.

List other courses YOU *can still take*.

HIGH SCHOOL

academics

E

education

Referring to the *College Resources & SCOIR*, which *educational programs at a(n) college/university* **will best prepare you?**

Identify 2 *college/university programs* that you are interested in, total *number of years* to complete program, & *prerequisites* in order to apply.

POST HIGH SCHOOL

academics

T

training

Referring to the *Career Resources, Pathways to Promising Careers, & SCOIR*, which *training programs and learning opportunities through certificates/credentials in Vermont* **will best prepare you?**

Identify 2 *training programs/learning opportunities* that are available to you, timeframe, prerequisites, and outcome of new learning (certificate, CDL license, entry level position).



Generator Instructor, Jon Weisenbecker with **Advanced Manufacturing** students: Gavin Glosser, Riley Hodgkins, Dylan Dusablon, Jackson Pierson, Myles Aja, & Jacob Washburn, Class of 2020.



WORK BASED LEARNING

EST. 2016 | ANNIVERSARY EDITION

Expose, Educate, and Experience For a student who may be interested in exploring a particular career immediately after high school, students who may seek post-secondary education at a technical or community college, or students who are seeking a four year college education, *Work Based Learning* has been especially meaningful because it has supported their career aspirations for the past 5 years under Act 77 in Vermont, also known as *Flexible Pathways*.

Our program in collaboration with organizations throughout the state has provided structured learning experiences to develop workplace readiness, technical skills, and 21st Century Skills. It has allowed our students to *explore* careers, *connect* with businesses, and *learn* about the functions of an organization & the *necessary requirements/training* needed to become a professional.

For our students, they have been able to gain practical skills and knowledge about a particular field, along with learning about the professional expectations set forth by an organization.

Programming has also allowed them to gain first hand knowledge

and determine if a particular career pathway is still of interest to them. In addition, we have provided support for students interested in enrolling in *Central Vermont Career Center, Early College*, or participating in a(n) *WBL Workshop, Training, and/or Internship*.

In our pilot year, *WBL200: Introduction to Work Based Learning* was offered in the format of a semester course for only one Block;* helping students make clear, informed choices about their futures by learning about the process needed to obtain the skills to be a part of a 21st century workplace.

For those students who were not enrolled in WBL200 that year, *Work Based Learning* developed a series of career readiness experiences, now known as Employee, Career, and College Panels (ECCP). They were open to all grades; thus allowing students to develop an awareness of educational institutions and their programming, along with occupational opportunities within our region.

Since then programming continues with a focus upon bolstering students candidacy for a training program by expanding opportunities for students to earn credentials with Vermont Technical College's Continuing Education Workforce Development Program.

**still teaching responsibilities within the History & Social Studies Department*

Employee/Career/College Panels



DARTMOUTH COLLEGE
Sports Management



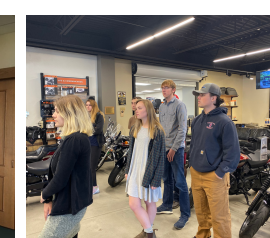
NATIONAL LIFE
Business, Finance, &
Investments



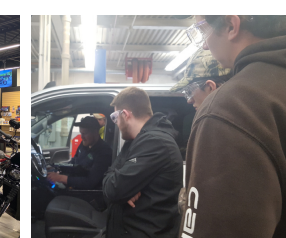
VERMONT AIR NATIONAL GUARD
Emergency Management,
Ammo, Engineering, Medical, &
Avionics



UNIVERSITY OF VERMONT
College of Engineering &
Mathematical Sciences



WILKINS HARLEY DAVIDSON
Business & Marketing



VTRANS
Auto Mechanics &
Maintenance Workers

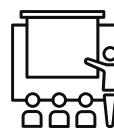
FY2016/2017
Pilot Year



a small group of students were enrolled in a modified WBL Rotation each semester with Barre Town Elementary & Middle School, Capstone: Tax Accounting Preparation Program, Central Vermont Medical Center, Granite Industries of Vermont, & Vermont Granite Museum.

WBL Pilot Student, Morgan Williams, Class of 2017 became an employee with BTEMS following her year of graduation and more recently, Angela Garcelon & Baylee Lawrence, Class of 2018

FY2017/2018



WBL200: Introduction to Work Based Learning expands course offerings; begins to embed Enrichment Opportunities and Workshops based upon students' career interests.

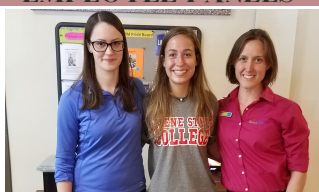
Outreach to various small businesses, local and state governments, and colleges/universities began in the Summer of 2017, so Work Based Learning could broaden its offerings for students to participate in a series of Employee, Career, and College Panels (ECCPs) with an emphasis on meeting professionals in various career clusters in order for students to have a better understanding of how academic, technical, cross cluster and employability skills are needed to obtain or create, maintain and advance in one's career.

This has included various members of the community including *Spaulding High School* alumni such as Tanner Acebo, Gen Anthony, Jen Bisson, Todd Blow, Rob Boulanger, Mark Browning, Kelly Fitzgerald Burns, Alicia Browning Calcagni, Tony Campos, Matthew Deforge, Mark Dessureau, Ian Gauthier, Sarah Gregoire, Paige Gherardi, Randy LaPrade, Lindsey Lozier, Nicole Martell, Kristin Martin, Molly McFaun, Christopher McNamara, Michael Pope, Lauren Singer, Kendal Melvin Smith, Detective Aimee Nolan, David Rubel, Governor Scott, Reuben Stone, and Jon Valsangiacomo.

Based upon student's career aspirations, programming continues to pivot, but at the heart is what *education, experience, and training (E2T)* do students need in order to become the professional they want to be and how can we help them navigate their pathway.

Despite COVID lingering, we have remained true with having students participate in a series of Employee panels with modified Job Shadowing (in person/virtual), interactive Career panels with mini workshops and trainings that either build their skills/credentials, along with embedding College visits, and Enrichment Opportunities. More work is needed and Work Based Learning is up for the challenge.

EMPLOYEE PANELS



WBL ALLIED HEALTH ROTATION WITH REHAB GYM FOR ATHLETIC TRAINING & PHYSICAL THERAPY
Employee Panels with Job Shadowing have enabled students to engage in conversation with professionals in the field, learn about their career pathway as not being linear, gaining more insight on the academic rigor needed, and observe the daily functions of an organization.

CAREER PANELS



FRANK FM WITH ALUMNUS, RANDY LAPRADE WHO MENTORED FELLOW ALUM, KAT NORWOOD
Career Panels continues to include a modified interactive that gives students a sneak peek into the world of creating a product and how things are made for public consumption whether it be broadcasting the weather, taking inventory, and/or curating materials for a STEM lab.

COLLEGE VISITS



COLLEGE OF ENGINEERING & MATHEMATICAL SCIENCES AT UNIVERSITY OF VERMONT
Regardless if students have no desire to stay within Vermont, our goal is to raise awareness and familiarity around a(n) university or college campus of various sizes & locations that focuses upon programming, student life, living conditions, and the landscape of a campus.

ENRICHMENT OPPORTUNITIES



SPARK TEAM WITH PROJECT INVENT AT STANFORD UNIVERSITY IN CALIFORNIA
In 2018, *Generator* launched *Spark*; a program for female high school students that teaches them to use human centered design to invent technologies that solve real world problems. *Spaulding High School's* team was selected to represent their prototype at *Stanford University* called the BetaBand; an EKG field kit for schools to determine the brain health of students. This group was recognized for their efforts and not only represented Vermont, but New England.

\$112,911.80
all programming since 2017 has been generously funded through grant applications

Advance Vermont/Nellie Mae Education Foundation | Elementary & Secondary School Educational Relief I/II Funding | HOEHL: Project Invent/Stanford | SPARK: Project Invent | Vermont Academy of Science Engineering Grant | Vermont Community Foundation: RALI Grant Vermont Small Business Development Center: Community Navigator Grant for Young Female Entrepreneurs | Vermont Student Assistance Program: Aspirations Grant | Workforce Education & Training Fund: Department of Labor

WBL Course Offerings & Workshops



WBL HUMAN SERVICE ROTATION WITH HEAD START & MONTESSORI
WBL300: Internships



VT BICYCLE SHOP
WBL300: Internships



DESSUREAU MACHINES
STEM(anufacturing) on production and design



TENDER LOVING HOMECARE
Mini series on the core values around being a healthcare provider with Mayo



STONE ARTS PROGRAM
Sculpting and designing with Ryan Mays at the Granite Museum



GW PLASTICS
Educational outreach and career development in manufacturing

WBL STEM Programming



due to an increase of students expressing interest in STEM related fields, programming begins to target organizations within the region that can help expose and educate students on various professions in engineering and manufacturing.

WBL STEM Student, Otto Emmons, Class of 2018 was our first student to participate in this rotation, which included training with *Generator* & enabled him to qualify for an internship with *Filabot* and over the Summer in college with *GW Plastics*.

Spring 2018 Pilot WBL Rotations



for those students enrolled in WBL200 and had an interest in Allied Health or Science, Technology, Engineering, Mathematics/Manufacturing (STEM2), they participated in a 3 month rotation, which enabled them to see various professions within a career cluster and for some, they qualified for an internship the following semester.

COVID has been like the sun and moon; it's gravitational pull has caused a dangerous swell in the ocean and its rippling effects have been tremendous upon our school community.

Even though Work Based Learning opportunities are critical to developing a workforce and act as a flexible pathway for students by helping students become more college/career ready, COVID has impacted all societal norms and programming for *Spaulding High School*.

However, we continue to navigate the waters as if we were wearing our own personal flotation devices (PFD); giving us buoyancy that is needed in order to keep afloat.

The following programs/organizations have been especially crucial since March of 2020 when WBL Programming had to pivot.

Vermont Student Assistance Corporation (VSAC)

As a *Talent Search and Aspirations School*, we have been able to collaborate and coordinate virtual workshops for our students and their parents/guardians around the college application process, financial aid, & VT Applies Month.

These workshops can not happen without the support of Chelsea Martin, our *Talent Search Counselor* & Lauren Hood, Aspirations Coordinator who is also an alum of *Spaulding High School*.

Workforce Training & Credentialing

Under the *Vermont State Legislature CARES Act*, free education and training was provided to those who "lost a job, hours, or been furloughed or laid off due to COVID" in order to upskill/reskill Vermont's workforce.

Based upon these trainings and our partnership with Natalie Searle, *Community College of Vermont (CCV)* and Maureen Hebert, *Vermont Technical College (VTC)*, we were able to embed their programming within WBL Course offerings since we were either fully remote for the remaining Spring of 2020 and hybrid for FY2020/2021. For the FY2021/2022 and through ESSER funding, we were able to help our WBL Students and their career aspirations around credentialing, which we will continue next year.

Spaulding Alumni & WBL Partners

As an alum myself, I am forever grateful for our WBL partners and alumni who continue to support programming virtually or in person. In my report, I intentionally noted alumni because they have shared their own stories of growing up in Barre, going to *Spaulding High School*, and figuring out their own career path. I think this has been of great value and powerful for our students.

In particular, our work regionally continues to grow and the support of the *Barre Area Development Board*, *Barre Partnership*, *Central Vermont Economic Development Corporation*, and the number of organizations throughout the state has been incredibly beneficial.

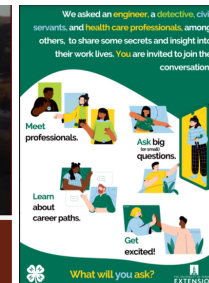
MULTIPLE PARTNERS WITH 1 MISSION: PAVING A PATH FOR A BETTER FUTURE



ADVANCED MANUFACTURING DAY, FALL 2019 & SPRING 2022
In partnership *Central Vermont Economic Development Corporation*, *Generator*, and *Spaulding High School*, we sponsored a WBL STEM event with the goal of exposing students to innovative technologies around 3D printing and CNC programming, along with educating them about workforce opportunities within their region.



SENATOR LEAHY SUMMIT, NOVEMBER 2022
Spaulding High School was recognized by Senator Leahy based upon our WBL STEM Programming; and collaborative work with *Generator*. In this presentation, Senator Leahy announced that *Generator* was a recipient of the Omnibus Appropriations Bill; granting them funding for building out makerspaces within Central Vermont.



HOW DID YOU GET THERE? VIRTUAL CAREER PRESENTATIONS
In partnership with 4H UVM Extension Center, we have been able to collaborate and sponsor, a series of virtual Career Panels, along with inviting other Central Vermont Schools. *Spaulding* alumni: Detective Aimee Nolan

RN Case Manager, Kate Williams, & Kendal Melvin Smith from Governor Scott's office attracted a significant number of students from the region, as did members from BetaTechnologies. This type of programming increases access for students who are fully remote and/or experiencing hybrid learning.



VERMONT GRANITE MUSEUM
WBL300: Internships



CENTRAL VERMONT MEDICAL CENTER
WBL Allied Health Rotation



ADVANCED WELDING INSTITUTE
Welding Training Program with alum and AWI Instructor, Dakota Perkins



GENERATOR WORKSHOP
Design Lab with Laser Cutter



ADVANCED MANUFACTURING DAY
WBL STEM Event for Central Vermont WBL Students

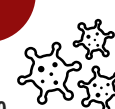


PUSHBACK TO PARKINSONS
SPARK Team, Spring 2020

Late Fall of 2019 & Early Winter of 2020

WBL STEM students explored tools, techniques, and software associated with manufacturing processes that included CNC machinery through *Generator's Advanced Manufacturing Program* over a semester.

WBL Students, *Jackson Pierson* & *Jacob Washburn* participated in a series of Design Lab workshops with *Generator*, a WBL STEM Rotation, and *Generator's AMP* program, thus qualifying them for a *GW Plastics Apprenticeship* in the Fall of 2020.



FY2019/2020

Effective immediately on March 16th due to COVID-19, WBL STEM Spring Rotations, Allied Health Rotations, Generator Trainings, & the Spring AMD were cancelled, which impacted the number of students potentially served. Increased access to credentialing/upskilling courses or programs offered by *Community College of Vermont (CCV)* and *Vermont Technical College's Ed2Go Workforce Development Program* became embedded in WBL Courses in the Spring of 2020.



WBL STEM students explored tools, techniques, and software associated with manufacturing processes that included CNC machinery through *Generator's Advanced Manufacturing Program* over a semester.

WBL Students, *Jackson Pierson* & *Jacob Washburn* participated in a series of Design Lab workshops with *Generator*, a WBL STEM Rotation, and *Generator's AMP* program, thus qualifying them for a *GW Plastics Apprenticeship* in the Fall of 2020.

A successful Work Based Learning (WBL) experience cannot exist without the support, commitment, and involvement of our students, their parents or guardians, and the community at large. Our relationship with WBL partners throughout the state is quite humbling, especially during COVID. This includes small businesses, educational institutions, training programs, and *Central Vermont Economic Development Corporation as seen below in the Thank You Card.*



THANK YOU

FY2019/2020 & FY 2020/2021

EVEN THOUGH, COVID HAS CLEARLY IMPACTED ALL ASPECTS OF LIFE AND PROGRAMMING: COLLEGE/CAREER PANELS, WBL ROTATIONS, WORKSHOPS, & INTERNSHIPS, YOU CONTINUE TO MAKE A DIFFERENCE IN OUR STUDENTS' LIVES PAST AND PRESENT. WE ARE FOREVER GRATEFUL FOR EVERYTHING YOU DO.

Academy Mortgage & Lending
Agency of Transportation of Vermont
Advance Vermont
Advanced Welding Institute
Aldrich Library
All Smiles Family Dental
Allen Lumber Kitchens & Baths
Barre Partnership
Barre City Elementary & Middle School
Barre Town Middle & Elementary School
Barre Health Center
Berlin Pediatrics: Central Vermont Medical Center (CVMC)
Burlington Code Academy
Burton Snowboards
Buttara Gherardi Artisans
Capstone Community Action: Tax Department & Head Start
Cardiology Department: CVMC
Central Vermont Council on the Aging
Central Vermont Economic Development Corporation
Central Vermont Medical Center: Talent Acquisition & Nursing
Forget Me Not Flowers
Central Vermont Humane Society
Champlain Valley Physicians: Radiology
Choice Physical Therapy
City of Barre: Public Works & Engineering
College of Engineering & Mathematical Sciences:
University of Vermont
Community College of Vermont
Community National Bank
Concept II
Country Groomer
Darn Tough Socks
Dartmouth College: Athletics Department
Dartmouth Hitchcock Medical Center: Emergency Department
Dermatology & Infectious Diseases: CVMC
Detective Aimee Nolan et al with VT State Team
Dessureau Machines, Inc.
Filabot
4H: UVM Extension Service
Emergency Department: CVMC
First Robotics
Forget Me Not Flowers
Generator MakerSpace
Granite City Graphics
Granite Industries of Vermont
Granite Primary Care
Greater Eastern Radio: Frank FM
Green Mountain Coffee Roasters: Essex
Green Mountain Power

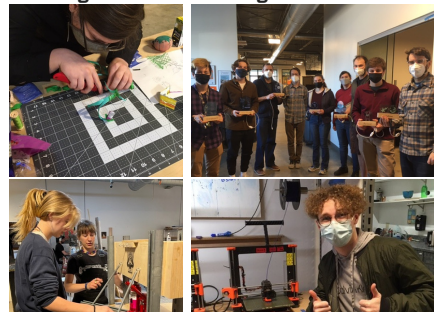
GW Plastics
Heart of Vermont Vet: Acupuncturist
HEB Manufacturing
HomeBridge Financial Services
Main Street Family Dentistry
Montessori School of Vermont
Lake Champlain Chocolates
Lenny's Shoe & Apparel
National Life
Norwich University: Athletics Department
Occupational Medicine & Rehabilitative Therapy: CVMC
Office of Governor Scott with
Barre City & Town Representatives: Public Service
Onion River Animal Hospital
Peter Kelley: EF Knapp Airport
Pinbox 3000
Project Independence: Gifford Hospital
Project Invent
Radiology: CVMC
ReHab Gym
Rock of Ages
Rothspeer
Saint Michael's College
Southgate Steeplejacks
Stone & Browning Property
Super ThinSaws
The Snell Group
TenderLoving Homecare
University of New England
Valsangiacomo, Detora & McQuesten, P.C.
VABIR
Vermont Air National Guard
Vermont Bicycle Shop
Vermont Community Foundation
Vermont Creamery
Vermont Department of Financial Regulation
Vermont Department of Labor
Vermont Foodbank
Vermont Forensic Laboratory
Vermont Judiciary Office of the Court Administrator
Vermont Granite Museum
Vermont Technical College: CEWD, Dental Hygiene, & STEM
Vermont Student Assistance Corporation
Vermont Youth Conservation Corps
VocRehab
Washington County Judiciary
Wilkins Harley Davidson
Woodridge Rehabilitation & Nursing
YMCA AfterSchool Program: BTMES



Generator has raised the aspirations of STEM Students by equipping them with the skills and knowledge around design thinking and innovative technologies. Students have participated in Design Thinking Labs, SPARK, the Advanced Manufacturing Program (now known as Digital Modeling & Fabrication), & the Maker Mentor Program.



Design Lab: Woodworking & Laser Cutter



Design Labs: Artivism with Artist in Residence, LED Vinyl Lighting, Block Designs, & 3D Printing



GRANITE INDUSTRIES OF VERMONT
BOOKKEEPING & DRAFTING
WBL300: Internship



ALDRICH CHILDREN'S LIBRARY
LITERACY PROGRAM
WBL300: Internship



CENTRAL VERMONT HUMANE SOCIETY
WBL200: Introduction to Work Based Learning



ALLIED HEALTH ACCESS DAY
with Community College of Vermont
& Central Vermont Medical Center



PINBOX 3000
virtual Design Lab workshop with a focus on game design



TRY A MAJOR DAY
with Vermont Technical College

FY2020/2021



Vermont Community Foundation accepts WBL STEM's application and we are invited to further apply for a Regional and Local Impact (RALI) grant to help with expanding programming and buildout a makerspace.

WBL Allied Health Student, Becca Isaac, Class of 2021 qualifies for a LNA Training Program with Central Vermont Medical Center. She shares her challenges of post secondary planning at the Central Vermont Economic Development Corporation's annual meeting in the Fall of 2021.

FY2021/2022



Year of Rebuilding & Re-engaging as COVID continued to impact programming; mindful of the ask for any offsite experiences in order to keep our community safe.

Incredibly proud of our students and the community to be able to pivot, repivot, and pivot again; very hopeful of slowly restoring programming in the future.

Act 77 has charged Vermont secondary school educators to create personalized learning environments that offer flexible pathways to graduation and a planning process by which students and educators can reflect on and document student learning over time as they plan their coursework over the next four years.

It is highly recommended that along with completing an English, Math, Science, and History credit every year, that a student complete the PE, Art, and Health requirements by the end of the student's sophomore year. By doing so, students may have more flexibility in scheduling remaining required and elective courses during their junior & senior years.

Concurrent College Courses



Concurrent courses are *Community College of Vermont (CCV)* approved courses, taught by a *Spaulding High School* teacher, and are held during the regular high school day. A Dual Enrollment voucher can be utilized for this course, or a student can choose to pay a fee. Students will need to meet *CCV's* requirements in order to access these courses.

Flexible Pathway/Independent Study



Opportunity for students to pursue a particular discipline under the supervision and guidance of a certified teacher at *Spaulding High School*.

Early College/VAST



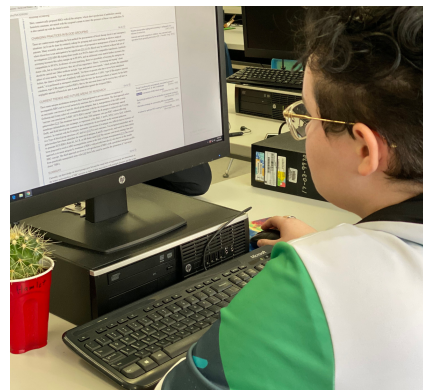
Opportunity for seniors to enroll in a full year of college courses, at no tuition cost, at an accredited college, such as *Vermont Technical College* in Randolph or *Community College of Vermont*.

Dual Enrollment



Juniors and seniors have the opportunity to utilize two Dual Enrollment vouchers during their high school years. This program allows for such students to enroll in college classes for credit, awarded both through *SHS* and the chosen college/university, for no tuition cost.

Online Learning



Opportunity for students to take online courses through *Virtual High School*. This option can be relevant for students looking for classes not offered at *SHS*, for areas of scheduling conflict with required courses, or to supplement a student's schedule outside of the regular school day.

Career Technical Education



Opportunity for students to gain the knowledge, training and skills of a particular technical field by enrolling in the *Central Vermont Career Center (CVCC)*.

Fast Forward



Opportunity for students who are enrolled in a technical center program who would like to enroll in college courses in their particular technical field. Similar to Dual Enrollment, in that there is no tuition cost, but only for students of CVCC.

Phoenix Program



Program where students can learn in a smaller setting which allows them to attain their short and long term goals. An application is required, which can be obtained from a student's School Counselor.

Work Based Learning



WBL creates opportunities for employers and schools to provide structured learning experiences to develop workplace readiness, technical skills, and 21st Century Skills. It is a process that allows students to explore careers, connect with businesses, learn about the functions of an organization, and understand the relevance of their education.