Report on Act 77 of 2013 16 VSA §4011(e) Reports

Annual Report on Early College Programs in the Vermont State Colleges System to the House and Senate Committees on Education

January 30, 2017

Submitted by Chancellor Jeb Spaulding

Early College Report to Legislature

Legislation: Act 77 of 2013 An Act Relating to Encouraging Flexible Pathways to Secondary School Completion

Summary of Legislation: This act creates a Flexible Pathways Initiative within the Agency of Education to expand opportunities for secondary students to complete high school and achieve postsecondary readiness. Among other programs, the act provides the opportunity for students to complete 12th grade entirely on a college campus. Early College participants within the Vermont State Colleges System (VSCS) include the Vermont Academy of Science and Technology (VAST) at Vermont Technical College (VTC), and Early College programs at the four other Vermont State Colleges. For the purposes of this report, the act specifically amends 16 VSA §4011(a) to require any postsecondary institution receiving funds for Early College to "report to the House and Senate Committees on Education annually in January regarding the Early College program, including data relating to the levels of participation, the success of the program in achieving the stated goals of the program to enhance secondary students' education experiences and prepare them for success in college and beyond, and the specific outcomes for participating students relating to programmatic goals."

Early College Findings: Early College programs in the VSCS began in Fall 2014 and are now in their third year, growing 66% from 139 students in 2014-2015 to 231 students enrolled in Fall 2016. This report provides analysis of the outcomes of students participating at each college during 2015-2016, the second year of the program.

- The VSCS Early College and VAST programs provide access to students statewide, with most Vermont high schools typically sending 1-2 students to programs offered by the VSCS. The VSCS provides a diverse array of opportunities for students, from residential options, rigorous sciences coursework in VAST, and a flexible blend of in-person and online courses at CCV.
- 2. Overall, 84% (137 students) of VSCS Early College/VAST participants in 2015-2016 continued their college studies for a second year in Fall 2016. Of these, 75 students continued in the VSCS, 22 attended other Vermont colleges, and 40 continued college outside Vermont.
- 3. 36% of students participating in Early College/VAST programs in the VSCS were identified as first-generation students. 78% of these first-generation students continued for a second year of college, a rate lower than their non-first-generation peers (90%). While this is a gap that needs continued attention, it is comparable to the gaps in the college-going rates of Vermont's high school population overall, and for first-generation



¹ As identified by VSAC for the class of 2012, the statewide continuation rate for first-generation students was 52%. See http://www.vsacnews.org/wp-content/upLoads/SPECIAL-REPORT-Vermont%E2%80%99s-Class-of-2012-Highlights-and-challenges-for-pursuing-a-postsecondary-education.pdf

Report on Early College Student Enrollment at the VSC Fall 2015 - Spring 2016

HBC 1-19-17

Headcount of VT High School students enrolled by college

	CCV	CU	<u>JSC</u>	LSC	TOTAL	VAST	TOTAL
Fall 2015	63	11	34	5	113	51	164
Spring 2016	60	10	31	5	106	50	156
Full AY Attendees	60	10	31	5	106	50	156
	Fall 20	015 to S	pring 20	16 cont	inuation rat	e	95%
Fall 2016 (new students)	112	18	31	7	168	63	231

Early College Students by County of Residence

VT County	Count	VAST	TOTAL
Washington	18	13	31
Chittenden	19	7	26
Rutland	15	3	18
Lamoille	14	2	16
Windsor	7	9	16
Franklin	8	2	10
Orange	1	8	9
Orleans	7	1	8
Addision	6	1	7
Caledonia	6	1	7
Windham	5	2	7
Essex	3		3
Bennington	2		2
(nonres)	2	2	4

Early College Students by Sending High School

High School Attended	CCV	CU	JSC	LSC	VAST	TOTAL
HARWOOD UNION HIGH SCHOOL	3		2		4	9
SPAULDING HIGH SCHOOL	3				6	9
U-32 HIGH SCHOOL	6			1	1	8
HAZEN UNION SCHOOL			7			7
LAMOILLE UNION HIGH SCHOOL			7			7
PEOPLES ACADEMY	1		3		2	6
SOUTH BURLINGTON HIGH SCHOOL	6					6
ESSEX HIGH SCHOOL	3		1		1	5
FAIR HAVEN UNION HIGH SCHOOL		5				5
CHELSEA PUBLIC SCHOOL					4	4

MILL RIVER UNION HIGH SCHOOL	1	3				4
NORTH COUNTRY UNION HIGH SCHOOL	1		2	1		4
SOUTH ROYALTON HIGH SCHOOL	1				3	4
WINOOSKI HIGH SCHOOL	3				1	4
ENOSBURG FALLS HIGH SCHOOL	1		2			3
GREEN MOUNTAIN TECHNOLOGY CAREER CENTER			3			3
ROCHESTER HIGH SCHOOL					3	3
WOODSTOCK UNION HIGH SCHOOL	2		1			3
BELLOWS FREE ACADEMY - ST ALBANS	1				1	2
BELLOWS FREE ACADEMY (FAIRFAX)	1				1	2
BURLINGTON HIGH SCHOOL	2					2
CABOT SCHOOL	1		1			2
CHAMPLAIN VALLEY UNION HIGH SCHOOL					2	2
COMPASS SCHOOL					2	2
HARTFORD AREA CAREER TECHNOLOGY CENTER	1		1			2
MOUNT ABRAHAM UNION HIGH SCHOOL	2					2
PATRICIA HANNAFORD CAREER CTR	2					2
RUTLAND HIGH SCHOOL	2					2
STAFFORD TECHNICAL CENTER	1	1				2
TWINFIELD UNION HIGH SCHOOL	2					2
VERGENNES UNION HIGH SCHOOL	1				1	2
BELLOWS FALLS UNION HIGH SCHOOL	1					1
BLACK RIVER HIGH SCHOOL					1	1
BURLINGTON TECHNICAL CENTER	1					1
CONCORD HIGH SCHOOL				1		1
DANVILLE HIGH SCHOOL				1		1
HANOVER HIGH SCHOOL					1	1
HOME SCHOOL CLEARING HOUSE	1					1
LELAND GRAY UNION HIGH SCHOOL	1					1
LYNDON INSTITUTE					1	1
MISSISQUOI VALLEY UNION HIGH SCHOOL					1	1
MOUNT MANSFIELD UNION HIGH SCHOOL			1			1
MT ANTHONY UNION HIGH SCHOOL	1					1
NORTH COUNTRY CAREER CENTER					1	1
NORTHFIELD MOUNT HERMON SCHOOL					1	1
NORTHWEST TECHNICAL CENTER	1					1
OAK MEADOW SCHOOL			1			1
OTTER VALLEY UNION HIGH SCHOOL					1	1
POULTNEY HIGH SCHOOL		1				1
RANDOLPH UNION HIGH SCHOOL					1	1
RICE MEMORIAL HIGH SCHOOL					1	1
RIVER VALLEY TECHNICAL CENTER					1	1
SAINT JOHNSBURY ACADEMY				1		1
SOUTHWEST VERMONT CAREER DEVELOPMENT CENT	1					1
SPRINGFIELD HIGH SCHOOL	1					1
WEBSTERVILLE BAPTIST CHRISTIAN SCHOOL					1	1
WHITCOMB JR-SR HIGH SCHOOL					1	1
WILLIAMSTOWN MIDDLE HS					1	1
WINDHAM REGIONAL CAREER CENTER	1					1
(blank)	1					1
HOME SCHOOL	6	1	2		6	15

Early College and VAST Students by First Generation status

36%	First Generation Students
50%	Not First Generation Students
14%	unknown

Continuation rate of Early College and VAST Students for Fall 2016

	<u>EC</u> Students	<u>VAST</u> Students	<u>Total</u>	<u>%</u>
Returned to the VSC	48	27	75	46%
Attended other Vermont colleges	12	10	22	13%
Attended college out-of-state	28	12	40	24%
Total continuing	88	49	137	84%
Did not continue at any college	25	2	27	16%

Continuation rate of Early College and VAST Students by First Gen status

	cont. EC Students	cont. VAST Students	all stu Total	<u>%</u>
First Generation students	32	14	59	78%
Not First Generation	40	34	82	90%
First generation status unknown	17	1	23	78%

Early College and VAST students who continued their studies at the VSC following their early college year.

		Co	College attended as EC student				
		CCV-EC	CU-EC	JSC-EC	LSC-EC	VTC	TOTAL
returned to	at CCV	15		3			18
lr	at CU	3	5			1	9
Ta .	at JSC	2	1	11	1	1	16
college	at LSC				2		2
5	at VTC	4		1		25	30
Fall	Term 2016	24	6	15	3	27	75

Community College of Vermont

The Community College of Vermont experienced continued growth in the Early College program with an applicant pool that increased by 82% and resulted in 112 students enrolling for the Fall 2016 semester. This represents an increase of 49 students over the previous fall. Students attend 11 of CCV's academic centers, with the largest enrollments in Montpelier, Winooski, and St. Albans. Many students also participated in online courses, preparing them for a variety of learning experiences when they matriculate in college. This year's cohort represents 40 high schools as well as home schooled students; schools with the largest number of participants include Bellows Free Academy–St. Albans, Harwood Union High School, Twinfield Union High School and home schooled students.

Last year, 47% of CCV's Early College students identified as first-generation, and in the current year cohort, the percentage of first-generation students increased to 56%. In all programs serving secondary students, CCV maintains strong partnerships and consistent outreach to schools and communities to help inform students and parents of college opportunities. CCV also provides advising and many resources and supports for students in their first college courses. Data from VSAC applications for textbook stipends show over 30% of this year's CCV Early College students are eligible for free and reduced lunch (FRL). The College added FRL eligibility to the Early College application for FY18, and we will have more accurate data on the total number of the student population served in next year's cohort.

Early College students perform well at CCV. Consistent with last year's class of Early College students, the 15-16 cohort maintained a strong cumulative GPA of 3.23 after completion of their academic year. In addition to preparing students for college, the EC program meets other important goals of helping families save money on college costs and promoting strong college continuation rates. In the 15-16 class, 63 students completed 1,471 credits, equating to \$366,279 in college tuition money. In addition, 85% of students enrolled in college in the fall semester following completion of the Early College program. This is well above the statewide average of ~60% college enrollment within 16 months of high school graduation. Of the students who didn't immediately enroll in college, several began working in their field of interest and one took six months to bicycle across the country and is starting college this January.

Early College students value the opportunity the program offers to gain college credit and begin their college coursework in an environment with many resources and support systems in place. "I absolutely loved the option of Early College," says Sydney Baskind, a recent graduate of the program who plans to start college as a sophomore at the University of Vermont. "[It] gave me the unique opportunity to transition from high school into college in a safe and supportive environment. It's so easy to schedule classes around sports or theater or whatever you want to do after school. I think it is the perfect alternative to senior year!" McKayla Bane, a current Early

College student enrolled at CCV in Springfield, is taking many classes at CCV in Rutland where she is able to pursue her interest in art. McKayla says she needed credit to transfer to college next year but also needed credit to graduate from high school, and Early College provided the perfect opportunity for her to do both. She plans to major in communications and has found her first semester of college to be challenging but enjoyable. McKayla says she is very well-supported by CCV advisors and staff and would recommend the opportunity to other students who want to prepare for college.

Castleton University

Castleton University continues to see growing interest and enrollment in Early College. We welcomed 18 Early College students for the 2016-2017 academic year, an increase of 50% from the previous year (12 vs. 18). These new Spartans hailed from six different high schools and earned an impressive first semester average GPA of 3.5 (33% earned a 4.0). Early College students are active in campus life. One of this year's students, Erik Brown, was involved in Jazz Ensemble and the Marching Band. Erik stated, "The meetings (weekly advisory group) were helpful as I was able to ask any question I had." As we can see from Erik's feedback, Early College students make a difference on our campus and benefit from the advisory program we have in place.

In addition to reviewing our program internally, we thought it would be helpful to include feedback from area school counselors. Overall, counselors reported they were pleased with the program and inspired us to review how we can improve information sharing during mid-semester points. Here is what a few counselors shared:

"This is our third year having students at CU in the EC program and all have seen it as an incredible opportunity and vital stepping stone in their academic and career paths!" – School Counselor, Mill River Union High School

"Each year more students and families are realizing how great of an opportunity the Castleton Early College program is!" – School Counselor, Fair Haven Union High School

"I feel it is an extremely beneficial program for high school students. I have appreciated contact from the University (both phone calls and emails) that I have received this year." – School Counselor, Fair Haven Union High School

RV THE	NIIMRERS – 1	Enrolled/Continued	l at Castleton
	TOMBERS -	Lini oncu/ Conunucu	i ai Casiiciuii

YEAR	ENROLLED	CONTINUED	CONTINUED
	YEAR 1	YEAR 2	YEAR 3
2014-	5	2	1
2015	3	3	1
2015-	12	6	
2016	12	0	-
2016-	18		
2017	10	-	-

LOOKING FORWARD

While it is early in the application season, we anticipate enrolling 18 new students for Fall 2017. By providing affordable, accessible, and quality educational opportunities, we are assisting exceptional students in making real progress towards earning a college degree. It is clear Early College has a positive impact for students, Castleton University, and the Rutland region.

Johnson State College

Students in Johnson State College's Early College Program have been very successful. The 2015-2016 group was more diverse compared to the first EC cohort enrolling in 2014-2015, but they shared the same common traits: high motivation, academic and social maturity, and a desire for a different learning environment. They studied art, environmental and biological science, communications, business, education, and behavioral sciences, while also exploring new academic topics of interest. Of the 32 students who completed their year at Johnson State College, they earned an average GPA of 3.09. Twelve students matriculated at Johnson State College for Fall 2016 while others enrolled at Maine College of Art, Hobart and William Smith College, St. Michael's College, and University of Vermont to name a few. Two of the 12 who continued at Johnson State College applied to participate in the National Student Exchange (NSE) Program and are now enrolled at the University of South Dakota and Florida International University for the 2016-2017 year.

Our Early College Program has proved to be extremely popular and very competitive. We had more applicants than we could accommodate for the 2015-2016 year. In Fall 2015, we exceeded our 18 spot allotment, but with the generosity of Lyndon and Castleton and flexibility provided by the Legislature, we were able to significantly expand our program. We welcomed our second class of Early College students, enrolling 33 students from 13 high schools who completed their senior year at JSC and earned up to 30 credits tuition-free. High school students joined us from Cabot, Enosburg Falls, Essex, Harwood Union, Hazen Union, Lamoille, Green Mountain Technology Career Center, Mount Mansfield Union, North Country Union, Peoples Academy, U-32, and Woodstock Union. Students also joined us from home school programs. Of these students, seven chose to reside on campus.

Students enrolled in the Early College program have participated in the Badger Alternative Break Program, performed onstage in the Dibden Center for the Arts, completed internships at the Vermont State House, and have competed on athletic teams.

As interest in Early College spots continued for the 2016-2017 year with 63 applications from around the state, we were grateful to the Legislature for the flexibility they provided in allowing the Vermont State Colleges to share the enrollment numbers under the total cap. We accepted 45 students, enrolled 32 for Fall 2016, and currently have 30 EC students enrolled for Spring 2017. The average GPA of this cohort after the fall semester is 3.08. For this cohort, students have joined us from 18 high schools and home school programs.

JSC faculty and staff have enjoyed having Early College students on campus and now ask to have them enrolled in the courses they teach. They have done much to support the students in making the transition from high school to a college environment.

One of our Early College students last year noted in her application that she was "eager to begin my studies and help to make change in the world. The first step to success is college." We are thankful that so many students have chosen to start to take that first step here at Johnson State College.

Lyndon State College

This is Lyndon's third year of participation in the Vermont Early College Program. While our enrollment numbers continue to be relatively small, we believe the EC program to be a great benefit to the community.

In our first year 2014-15, we had nine applicants, with eight participating in the program, from five separate high schools. Of the seven students who completed the program the first year, three matriculated as sophomores at Lyndon State College for the Fall of 2015. For the 2015-16 academic year, we had 12 applicants, with five participants, from three separate high schools. Three students from that cohort matriculated to Lyndon.

This year (2016-17) we had 12 applications, with seven participating in the program. Additionally, we had our first transfer EC student from Castleton University. 2016-17 was the first year boarding was allowed. Two of our EC students took advantage of the opportunity. We are currently taking applications for the 2017-2018 academic year.

Student Performance

With the exception of only one student, our Early College students, for all three years, have been overwhelmingly successful. Professors have reported students to be quiet, attentive, respectful, and overall model students. The three-year, first semester GPA continues to remain above a 3.0.

Moving Forward

With the coming academic year we have stepped up our outreach to potential Early College students with mailings and high school visits. We are actively communicating the benefits of our Early College program to high schools, students and parents.

VAST at Vermont Technical College

The Vermont Academy of Science and Technology (VAST), currently in its 28th year at Vermont Tech, enrolled 63 students this fall, the largest class ever. Half of the 2016 VAST graduates remained at Vermont Tech while the other half transferred to such colleges as West Point and Rochester Polytechnic Institute. The largest number of transfers are now attending the University of Vermont.

VAST students begin their experience by attending a first year student orientation in June or July, and then have special sessions where the similarities and differences between VAST and a typical high school are explained. In addition, incoming VAST students hear from VAST graduates about how rigorous the program is and how much they enjoyed it, and how to avoid pitfalls and make the most of the year. This year's class is typical of the wide range of students who are accepted for admission to VAST:

- 1/3 of VAST students are first-generation.
- 50% are low income.
- 1/3 live on campus.
- 25% are homeschooled students.
- Students come from 37 different towns

During the year, VAST students meet with the director for biweekly meetings and form a tight cohort where students help and encourage each other. All VAST students are all required to attend sessions and develop a resume. In addition, there are biweekly sessions for those students sending out applications to other colleges. At graduation, it is always apparent how successful students have been and how impressive their future plans are. Below are bios of two former VAST students and where they are now. Both are very different, both very successful, and both wonderful examples of how VAST changes lives.

Vanessa Griswold

"It was really, really challenging, but so worth it. I have not regretted attending VAST for even a minute."

Vanessa is from Andover, Vermont where her parents are both native Vermonters. While neither attended college themselves, they encouraged her pursuit of a college education. Vanessa first heard of VAST from a VSAC counselor, a common route to VAST. As with many VAST applicants, she felt that she had outgrown her high school both socially and academically. Additionally, Vermont Tech had the major she wanted to pursue: Architectural Engineering Technology (AET). During her VAST experience, she completed her first year in the AET program with a 3.92 GPA and at graduation received one of only two VAST scholarships. Vanessa automatically became a sophomore in the AET program the following year.

Currently in her third year at Vermont Tech and a successful TRiO participant, Vanessa has become a very involved and important member of the VTC community: she has been an orientation leader for two years, is currently a Resident Assistant, was trained and serves as a peer mentor, and has worked for the Center for Academic Success the past two summers and during the school year. None of this involvement has impeded her academic success, as she currently holds a 3.89 GPA.

Indra Acharya

"I am where I am today because of VAST. Both the opportunity and the guidance I received in my VAST year changed my life and I will always be grateful!"

Indra Acharya graduated with the VAST class of 2014 and returned last year as the guest speaker at the 2016 VAST graduation. Indra was born in Nepal and grew up from age of four in a Bhutanese refugee camp where he recalls standing in lines for food, living on dirt floors, and having only stones and sticks for toys. He had been in the US for less than three years when he applied to VAST. His sending high school was encouraging him to attend a vocational school to learn a trade for working immediately after high school, but Indra's family had always encouraged education and he sought a college degree.

VAST was a first step towards his goals of attending law school and then returning to Vermont to pursue a career in politics as a way to give back his new country. While in VAST, where he took 21 college credits each semester, Indra received two full-tuition scholarships: one from Georgetown University and a second as a Gates Millenium Scholar to attend the college of his choice. Indra was only the second Vermonter to ever receive the Gates Scholarship.

Since attending Georgetown, Indra has continued to thrive and excel: he has been elected president of his class and was the youth coordinator for Bernie Sanders' presidential campaign, to name just two honors. He remains on the honor roll at Georgetown.