

DISTANCE LEARNING ANNUAL REPORT

2019-2020

OVERVIEW

In 2019-2020, distance learning courses encompassed 23% of Piedmont Virginia Community College’s (PVCC) total course enrollment. This report provides information regarding distance learning enrollment, headcount, and overall course success. A distance learning course is defined as a course designated with a “Virtual” or “Virtual RT.” Courses with a “Virtual” distinction are completed online, without having to be present on campus for classes. A “Virtual RT” course is completed online but have scheduled live lecture broadcasts that students watch online. A total of 3,133 students enrolled in distance learning courses. Of the students enrolled in distance learning courses, 32% (n = 1,001) took all their coursework at a distance in the 2019-2020 academic year. Distance learning courses resulted in an adjusted completion¹ rate of 91% in the 2019-2020 academic year.

Due to COVID-19 and the national emergency, which started in March of 2020, PVCC treated courses that were originally face-to-face as face-to-face.

ENROLLMENTS AND FULL-TIME EQUIVALENCY (FTE) GENERATED BY TERM

There were 7,070 enrollments² in distance learning courses 2019-2020 academic year. In Summer 2019, PVCC students enrolled in 74 distance learning courses compared to 110 in Fall 2019 and 122 in Spring 2020. In total, distance learning courses generated 645.1 full-time equivalency (FTE) in the 2019-2020 academic year.

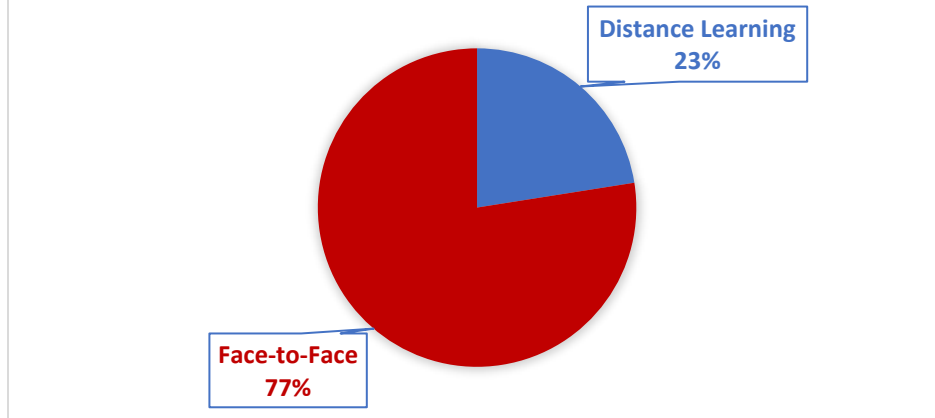
Table 1. Enrollment, credits, and FTE generated by distance learning courses in 2019-2020 at PVCC.

	Summer 2019	Fall 2019	Spring 2020	2019-2020
Total number of enrollments				
Distance Learning	1,619	2,662	2,789	7,070
Face-to-Face	1,712	12,882	9,750	24,344
Total credits generated				
Distance Learning	4,606	7,067	7,679	19,352
Face-to-Face	4,251	33,479	26,406	64,136
FTE generated				
Distance Learning	307.1	471.1	511.9	645.1
Face-to-Face	283.4	2,231.9	1,760.4	2,137.9

¹ Adjusted Completion Rate: the percentage of students completing the course without withdrawing and with a grade of A, B, C, P, P+, P-, or S.

² Enrollment is defined as the duplicate count of students. Students may be enrolled in more than one course, and they would be counted for each course.

2019-2020 TOTAL COURSE ENROLLMENT



UNDUPLICATED HEADCOUNT AND NUMBER OF COMPLETELY DISTANCE STUDENTS

In 2019-2020, 3,133 students enrolled in distance learning courses. Thirty-two percent (32%, n = 1,001) of those students were enrolled in only distance learning courses. Summer 2019 had the highest percentage (71%) of distance learning students who took all their courses at a distance (Table 2).

Table 2. Unduplicated headcount in distance learning courses by term and number of students who took all courses at a distance.

	Unduplicated Headcount of Students Enrolled in Distance Learning Courses	Number and Percent of Students who Took All Courses at a Distance*	
		n	%
Summer 2019	1,096	782	71%
Fall 2019	1,596	532	33%
Spring 2020	1,735	633	36%
2019-2020**	3,133	1,001	32%

* Enrolled in only distance courses in all terms

** Unduplicated across terms

When examining this data by age and gender, students 18 years or older and who are female tend to take distance learning courses. Students who are 25 years or old and are female are more likely to take all courses via distance learning. When examining ethnicities, Black or African American students had the largest percent increase, and Hispanic students had the largest percent decrease for students who took all courses at a distance. The table below shows the demographics of age, sex, and ethnicity for unduplicated students annually enrolled in distance learning courses and only enrolled in distance learning courses.

Table 3. Demographics

	Annual Enrollment	Enrolled in Distance Learning Courses	Took All Courses at a Distance
AGE			
<=17	30.29%	8.97%	5.00%
18-19	19.26%	22.69%	11.79%
20-21	11.75%	15.83%	16.38%
22-24	10.01%	13.72%	15.98%
25-29	10.33%	14.68%	18.48%
30-34	6.31%	9.06%	10.89%
35-39	4.10%	5.94%	8.39%
40-49	4.70%	6.06%	8.09%
50-64	2.84%	3.00%	4.90%
>=65	0.41%	0.03%	0.10%
SEX			
Female	59.13%	67.54%	74.23%
Male	40.12%	32.08%	25.17%
Unknown	0.75%	0.38%	0.60%
ETHNICITY			
Two or More	4.87%	4.92%	4.50%
Amer Indian	0.31%	0.35%	0.40%
Asian	5.06%	4.76%	3.50%
Black	11.22%	11.71%	14.89%
Hawaiian	0.10%	0.16%	0.10%
Hispanic	8.29%	8.08%	6.19%
Unspecified	3.35%	2.07%	2.50%
White	66.79%	67.95%	67.93%

COURSE SUCCESS AND OFFERING

Students were generally successful in distance learning courses with an adjusted completion rate of 91% in 2019-2020. The adjusted completion rate of PVCC's face-to-face courses was 90%. PVCC offered one hundred seventy-seven (177) distance learning courses in the 2019-2020 academic year. The threshold of acceptability is a 66% pass rate, and the goal is a 75% pass rate. Distance learning courses exceed this standard.

Figure 1. Grade distribution of 2019-2020 distance learning courses.

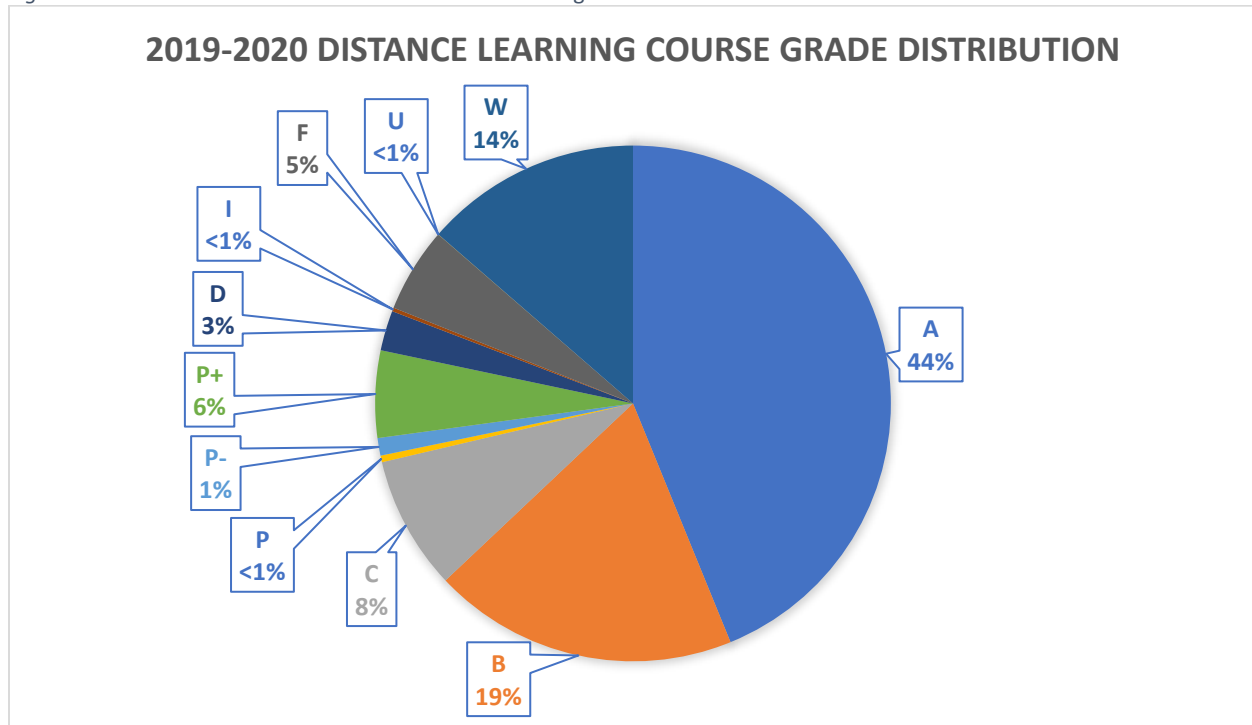


Table 4. Percent pass, percent not pass, and adjusted completion rate of distance learning courses.

2019-20	% Pass	% Not Pass	Adjusted Completion Rate*
Distance Learning Courses	78%	22%	91%
Face-to-Face Courses**	81%	19%	90%

*Adjusted Completion Rate: the percentage of students completing the course without withdrawing and with a grade of A, B, C, P, P+, P-, or S.

**Face-to-Face Courses include courses taught at local high schools, correctional centers, and PVCC satellite locations.

Distance learning had a higher adjusted completion rate when compared to face to face for the gender subpopulations of males and unknowns. When comparing age subpopulations, the adjusted completion rate was greater in distance learning for <=17, 18-19, 20-21, 25-29, 30-34, and 40-49. When comparing adjusted completion rate for ethnicity, the following ethnicities had a higher adjusted completion rate in distance learning: Two or more, American Indian, Asian, Black, Hispanic, and White. The table below shows course success using the demographics of age, sex, and ethnicity.

Table 5 Percent pass, percent not pass, and adjusted completion rate with demographics

	Face-to-Face**			Distance Learning Courses		
	% Pass	% Not Pass	Adjusted Completion Rate*	% Pass	% Not Pass	Adjusted Completion Rate*
OVERALL	81%	19%	90%	78%	22%	91%
GENDER						
F	83%	17%	91%	82%	18%	91%
M	78%	22%	88%	78%	22%	90%
U	84%	16%	92%	81%	19%	100%
AGE						
<=17	90%	10%	93%	91%	9%	96%
18-19	70%	30%	84%	76%	24%	88%
20-21	69%	31%	83%	77%	23%	90%
22-24	79%	21%	89%	78%	22%	89%
25-29	82%	18%	92%	84%	16%	93%
30-34	81%	19%	90%	84%	16%	92%
35-39	84%	16%	94%	82%	18%	91%
40-49	81%	19%	91%	85%	15%	93%
50-64	82%	18%	94%	81%	19%	92%
>=65	91%	9%	100%	50%	50%	50%
ETHNICITY						
Two or More	78%	22%	87%	80%	20%	92%
Amer Indian	73%	28%	94%	91%	9%	95%
Asian	82%	18%	90%	83%	17%	93%
Black	72%	28%	82%	68%	32%	84%
Hawaiian	83%	17%	100%	72%	28%	91%
Hispanic	79%	21%	87%	77%	23%	89%
Unspecified	82%	18%	92%	81%	19%	91%
White	82%	18%	91%	83%	17%	92%

*Adjusted Completion Rate: the percentage of students completing the course without withdrawing and with a grade of A, B, C, P, P+, P-, or S.

**Face-to-Face Courses include courses taught at local high schools, correctional centers, and PVCC satellite locations.