Collin County Community College District Program Review 2023-2024

Grade Distribution in Courses by Year Academic Years 2018-2019 through 2022-2023

ARTS-	2348	Digita	al Med	ia														
				Grad	le Assi	gned					Grade	Distril	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	264	113	56	20	8	0	33	34	43%	21%	8%	3%	0%	13%	13%	87%	75%	3.39
2020	229	106	35	18	8	0	35	27	46%	15%	8%	3%	0%	15%	12%	88%	73%	3.43
2021	177	73	32	18	8	0	32	14	41%	18%	10%	5%	0%	18%	8%	92%	74%	3.30
2022	104	51	23	10	0	0	12	8	49%	22%	10%	0%	0%	12%	8%	92%	81%	3.49
2023	75	53	5	3	0	0	5	9	71%	7%	4%	0%	0%	7%	12%	88%	81%	3.82
Avera	ges								50%	17%	8%	2%	0%	13%	10%	90%	77%	

Note: The program's course list is based on the 2022-2023 academic catalog. The data source is Collin College's ZogoTech Data System on 6/19/2023.

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

ARTS-	2356	Photo	ograph	y I														
				Grad	le Assi	gned					Grade	Distril	bution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	66	25	14	4	3	0	13	7	38%	21%	6%	5%	0%	20%	11%	89%	70%	3.33
2020	74	32	10	6	0	0	12	14	43%	14%	8%	0%	0%	16%	19%	81%	65%	3.54
2021	66	30	13	2	0	0	11	10	45%	20%	3%	0%	0%	17%	15%	85%	68%	3.62
2022	77	40	10	2	3	0	10	12	52%	13%	3%	4%	0%	13%	16%	84%	71%	3.58
2023	64	43	5	1	2	0	8	5	67%	8%	2%	3%	0%	13%	8%	92%	80%	3.75
Avera	ges								49%	15%	4%	2%	0%	16%	14%	86%	71%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1300	Photo	o Digita	al Imag	ging I													
				Grad	e Assi	gned					Grade	Distrib	ution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	31	11	11	4	0	0	2	3	35%	35%	13%	0%	0%	6%	10%	90%	84%	3.27
2020	29	15	9	1	0	0	3	1	52%	31%	3%	0%	0%	10%	3%	97%	86%	3.56
2021	23	5	10	4	2	0	1	1	22%	43%	17%	9%	0%	4%	4%	96%	91%	2.86
2022	21	10	8	1	0	0	2	0	48%	38%	5%	0%	0%	10%	0%	100%	90%	3.47
2023	21	7	5	4	2	0	3	0	33%	24%	19%	10%	0%	14%	0%	100%	86%	2.94
Avera	ges								38%	34%	12%	4%	0%	9%	3%	97%	88%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1311	Fund	ament	als of F	hotog	raphy	/Digita											
				Grad	le Assi	gned					Grade	Distrik	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	62	35	13	7	1	0	2	4	56%	21%	11%	2%	0%	3%	6%	94%	90%	3.46
Avera	ges								56%	21%	11%	2%	0%	3%	6%	94%	90%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1341	Color	Photo	graphy	y I													
				Grad	le Assi	gned					Grade	Distrik	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	18	13	2	0	0	0	2	1	72%	11%	0%	0%	0%	11%	6%	94%	83%	3.87
2020	18	5	9	2	0	0	1	1	28%	50%	11%	0%	0%	6%	6%	94%	89%	3.19
2021	11	9	1	0	0	0	0	1	82%	9%	0%	0%	0%	0%	9%	91%	91%	3.90
2022	14	5	7	2	0	0	0	0	36%	50%	14%	0%	0%	0%	0%	100%	100%	3.21
2023	17	7	5	2	0	0	2	1	41%	29%	12%	0%	0%	12%	6%	94%	82%	3.36
Avera	ges								52%	30%	7%	0%	0%	6%	5%	95%	89%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1343	Expre	essive I	Photog	raphy													
				Grac	le Assi	gned					Grade	Distrik	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	19	11	4	0	0	0	2	2	58%	21%	0%	0%	0%	11%	11%	89%	79%	3.73
2020	16	3	1	1	1	0	0	10	19%	6%	6%	6%	0%	0%	63%	38%	38%	3.00
2021	12	6	2	1	0	0	2	1	50%	17%	8%	0%	0%	17%	8%	92%	75%	3.56
2022	8	7	0	0	0	0	0	1	88%	0%	0%	0%	0%	0%	13%	88%	88%	4.00
2023	9	5	3	0	1	0	0	0	56%	33%	0%	11%	0%	0%	0%	100%	100%	3.33
Avera	ges								54%	15%	3%	3%	0%	5%	19%	81%	76%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1345	Illusti	rative	Photog	raphy													
				Grad	le Assi	gned					Grade	Distrib	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	17	11	4	1	0	0	1	0	65%	24%	6%	0%	0%	6%	0%	100%	94%	3.63
2020	19	7	9	1	0	0	1	1	37%	47%	5%	0%	0%	5%	5%	95%	89%	3.35
2021	21	12	5	2	0	0	0	2	57%	24%	10%	0%	0%	0%	10%	90%	90%	3.53
2022	4	1	2	1	0	0	0	0	25%	50%	25%	0%	0%	0%	0%	100%	100%	3.00
2023	13	6	5	1	0	0	1	0	46%	38%	8%	0%	0%	8%	0%	100%	92%	3.42
Avera	ges								46%	37%	11%	0%	0%	4%	3%	97%	93%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1347	Lands	scape	Photog	raphy													
				Grad	le Assi	gned				G	irade [Distrib	ution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	11	11	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
2020	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2021	-	-	ı	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2022	6	6	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
2023	6	5	1	0	0	0	0	0	83%	17%	0%	0%	0%	0%	0%	100%	100%	3.83
Avera	ges								94%	6%	0%	0%	0%	0%	0%	100%	100%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1351	Photo	ojourn	alism I														
				Grac	le Assi	gned					Grade	Distril	bution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	15	10	3	1	0	0	1	0	67%	20%	7%	0%	0%	7%	0%	100%	93%	3.64
2021	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
2022	11	3	0	3	1	0	2	2	27%	0%	27%	9%	0%	18%	18%	82%	64%	2.71
2023	14	3	7	1	0	1	1	1	21%	50%	7%	0%	7%	7%	7%	93%	86%	3.18
Avera	ges								38%	23%	14%	3%	2%	11%	8%	92%	81%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1353	Portr	aiture	I														
				Grad	le Assi	gned					Grade	Distrib	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	32	23	4	0	0	0	0	5	72%	13%	0%	0%	0%	0%	16%	84%	84%	3.85
2020	33	16	9	3	0	0	4	1	48%	27%	9%	0%	0%	12%	3%	97%	85%	3.46
2021	29	13	8	3	1	0	1	3	45%	28%	10%	3%	0%	3%	10%	90%	86%	3.32
2022	23	11	6	2	1	0	3	0	48%	26%	9%	4%	0%	13%	0%	100%	87%	3.35
2023	21	10	6	3	1	0	0	1	48%	29%	14%	5%	0%	0%	5%	95%	95%	3.25
Avera	ges								52%	24%	8%	3%	0%	6%	7%	93%	88%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	1371	Book	, Desig	n, and	PRese	ntatio	า											
				Grac	le Assi	gned					Grade	Distrik	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	24	16	5	1	0	0	1	1	67%	21%	4%	0%	0%	4%	4%	96%	92%	3.68
2021	27	22	2	1	0	0	1	1	81%	7%	4%	0%	0%	4%	4%	96%	93%	3.84
2022	34	20	5	1	0	0	7	1	59%	15%	3%	0%	0%	21%	3%	97%	76%	3.73
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avera	ges								69%	14%	4%	0%	0%	9%	4%	96%	87%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2308	Wed	ding Pl	notogra	aphy													
				Grad	de Assi	gned					Grade	Distrib	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2023	9	5	1	0	1	0	0	2	56%	11%	0%	11%	0%	0%	22%	78%	78%	3.43
Avera	ges								56%	11%	0%	11%	0%	0%	22%	78%	78%	

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2331	Archi	tectur	al Phot	ograpl	าy												
				Grac	le Assi	gned					Grade	Distril	bution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	18	9	5	1	0	0	0	3	50%	28%	6%	0%	0%	0%	17%	83%	83%	3.53
2020	13	7	3	1	0	0	0	2	54%	23%	8%	0%	0%	0%	15%	85%	85%	3.55
2021	14	9	3	0	0	0	0	2	64%	21%	0%	0%	0%	0%	14%	86%	86%	3.75
2022	12	8	1	2	0	0	1	0	67%	8%	17%	0%	0%	8%	0%	100%	92%	3.55
2023	18	11	3	1	0	0	3	0	61%	17%	6%	0%	0%	17%	0%	100%	83%	3.67
Avera	ges				59%	19%	7%	0%	0%	5%	9%	91%	86%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2340	Photo	ograph	ic Stuc	lio Ma	nagem	ent											
				Grac	le Assi	gned					Grade	Distril	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	19	11	3	2	0	0	1	2	58%	16%	11%	0%	0%	5%	11%	89%	84%	3.56
2020	16	12	0	0	0	0	2	2	75%	0%	0%	0%	0%	13%	13%	88%	75%	4.00
2021	35	22	3	1	0	0	5	4	63%	9%	3%	0%	0%	14%	11%	89%	74%	3.81
2022	29	21	2	1	0	0	4	1	72%	7%	3%	0%	0%	14%	3%	97%	83%	3.83
2023	10	9	1	0	0	0	0	0	90%	10%	0%	0%	0%	0%	0%	100%	100%	3.90
Avera	ges				72%	8%	3%	0%	0%	9%	8%	92%	83%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2342	Fashi	on Pho	otograp	ohy													
				Grad	le Assi	gned					Grade	Distrik	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	16	8	7	0	0	0	0	1	50%	44%	0%	0%	0%	0%	6%	94%	94%	3.53
2021	9	5	4	0	0	0	0	0	56%	44%	0%	0%	0%	0%	0%	100%	100%	3.56
2022	6	5	1	0	0	0	0	0	83%	17%	0%	0%	0%	0%	0%	100%	100%	3.83
2023	-	-	-	-	-	•	-	-	-	-	•	-	-	•	-	-	-	-
Avera	ges				63%	35%	0%	0%	0%	0%	2%	98%	98%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-2343 Portfolio Development																		
				Grad	le Assi	gned					Grade	Distril	bution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	16	10	2	1	0	0	2	1	63%	13%	6%	0%	0%	13%	6%	94%	81%	3.69
2020	9	7	1	0	0	0	1	0	78%	11%	0%	0%	0%	11%	0%	100%	89%	3.88
2021	12	4	8	0	0	0	0	0	33%	67%	0%	0%	0%	0%	0%	100%	100%	3.33
2022	10	5	3	1	0	0	0	1	50%	30%	10%	0%	0%	0%	10%	90%	90%	3.44
2023	7	6	1	0	0	0	0	0	86%	14%	0%	0%	0%	0%	0%	100%	100%	3.86
Avera	ges				62%	27%	3%	0%	0%	5%	3%	97%	92%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2349	Photo	Digit:	al Imag	ging II													
				Grad	e Assi	gned				(Grade (Distrib	ution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	16	16	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
2020	13	3	3	3	0	0	4	0	23%	23%	23%	0%	0%	31%	0%	100%	69%	3.00
2021	10	6	1	1	0	0	0	2	60%	10%	10%	0%	0%	0%	20%	80%	80%	3.63
2022	15	11	3	0	1	0	0	0	73%	20%	0%	7%	0%	0%	0%	100%	100%	3.60
2023	16	11	2	1	0	0	2	0	69%	13%	6%	0%	0%	13%	0%	100%	88%	3.71
Avera	ges					65%	13%	8%	1%	0%	9%	4%	96%	87%				

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2353																	
				Grad	le Assi	gned					Grade	Distrib	oution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	19	10	8	1	0	0	0	0	53%	42%	5%	0%	0%	0%	0%	100%	100%	3.47
2020	14	6	7	1	0	0	0	0	43%	50%	7%	0%	0%	0%	0%	100%	100%	3.36
2021	11	7	3	0	0	0	0	1	64%	27%	0%	0%	0%	0%	9%	91%	91%	3.70
2022	10	7	2	0	0	0	0	1	70%	20%	0%	0%	0%	0%	10%	90%	90%	3.78
2023	15	5	7	2	1	0	0	0	33%	47%	13%	7%	0%	0%	0%	100%	100%	3.07
Avera	ges				52%	37%	5%	1%	0%	0%	4%	96%	96%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2371	Photo	o Prod	uction	for Ph	otogra	phers											
				Grad	e Assi	gned					Grade	Distrib	ution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	16	7	9	0	0	0	0	0	44%	56%	0%	0%	0%	0%	0%	100%	100%	3.44
2020	9	5	2	1	1	0	0	0	56%	22%	11%	11%	0%	0%	0%	100%	100%	3.22
2021	12	4	4	2	0	0	0	2	33%	33%	17%	0%	0%	0%	17%	83%	83%	3.20
2022	10	6	2	1	0	0	1	0	60%	20%	10%	0%	0%	10%	0%	100%	90%	3.56
2023	15	10	2	0	0	0	3	0	67%	13%	0%	0%	0%	20%	0%	100%	80%	3.83
Avera	ges				52%	29%	8%	2%	0%	6%	3%	97%	91%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.

PHTC-	2380	nercial	Photo	graphy	1													
				Grac	le Assi	gned					Grade	Distril	bution			Completion	Success	Course
Year	Enrollment	Α	В	С	D	Р	F	W	Α	В	С	D	Р	F	W	Rate	Rate *	GPA**
2019	5	3	2	0	0	0	0	0	60%	40%	0%	0%	0%	0%	0%	100%	100%	3.60
2020	6	4	0	0	0	0	2	0	67%	0%	0%	0%	0%	33%	0%	100%	67%	4.00
2021	11	10	0	1	0	0	0	0	91%	0%	9%	0%	0%	0%	0%	100%	100%	3.82
2022	10	9	0	0	0	0	0	1	90%	0%	0%	0%	0%	0%	10%	90%	90%	4.00
2023	3	1	1	0	0	0	1	0	33%	33%	0%	0%	0%	33%	0%	100%	67%	3.50
Avera	ges				68%	15%	2%	0%	0%	13%	2%	98%	85%					

^{*}Success Rate is calculated by adding A, B, C, and P grades and dividing the total by total enrollment.

^{**}Course GPA is calculated by multiplying the counts of A, B, C, and D by 4, 3, 2, and 1, respectively. The results are summed and divided by the aggregated count of A, B, C, D, and F.