Collin County Community College District
Program Review 2023-2024

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

BIOL-1406		Biology for Science Majors I														Completion	Success	Course
		Grade Assigned							Grade Distribution							Rate	Rate *	GPA**
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W			
2019	3661	589	788	769	469	0	583	463	16%	22%	21%	13%	0%	16%	13%	87%	71%	2.57
2020	3567	559	909	760	402	0	489	448	16%	25%	21%	11%	0%	14%	13%	87%	74%	2.62
2021	3258	472	652	683	393	1	716	341	14%	20%	21%	12%	0%	22%	10%	90%	68%	2.55
2022	2347	426	479	489	239	0	413	301	18%	20%	21%	10%	0%	18%	13%	87%	70%	2.67
2023	2309	391	487	517	270	1	306	337	17%	21%	22%	12%	0%	13%	15%	85%	72%	2.60
Averages………………………………………………………………………									16%	22%	21%	12%	0%	16%	13%	87%	71%	

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.

Sums of distributions may not equal 100 percent due to rounding.

BIOL-1414		Introduction to Biotechnology I														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	23	3	10	4	2	0	3	1	13%	43%	17%	9%	0%	13%	4%	96%	83%	2.74
2020	14	2	2	5	0	0	3	2	14%	14%	36%	0%	0%	21%	14%	86%	64%	2.67
2021	15	1	4	2	5	0	2	1	7%	27%	13%	33%	0%	13%	7%	93%	80%	2.08
2022	21	5	5	2	4	0	4	1	24%	24%	10%	19%	0%	19%	5%	95%	76%	2.69
2023	8	4	2	1	0	0	0	1	50%	25%	13%	0%	0%	0%	13%	88%	88%	3.43
Averages………………………………………………………………………………									22%	27%	18%	12%	0%	13%	9%	91%	78%	

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BIOL-1415		Introduction to Biotechnology II														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	4	2	1	0	0	0	1	0	50%	25%	0%	0%	0%	25%	0%	100%	75%	3.67
2020	8	6	0	0	0	0	1	1	75%	0%	0%	0%	0%	13%	13%	88%	75%	4.00
2021	7	3	3	0	0	0	1	0	43%	43%	0%	0%	0%	14%	0%	100%	86%	3.50
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	4	4	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
Averages……………………………………………………………………									67%	17%	0%	0%	0%	13%	3%	97%	84%	

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BIOL-2416		Genetics														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	76	25	33	9	2	0	2	5	33%	43%	12%	3%	0%	3%	7%	93%	91%	3.17
2020	64	22	17	13	2	0	1	9	34%	27%	20%	3%	0%	2%	14%	86%	84%	3.09
2021	61	7	23	13	3	0	2	13	11%	38%	21%	5%	0%	3%	21%	79%	75%	2.74
2022	58	18	18	11	4	0	2	5	31%	31%	19%	7%	0%	3%	9%	91%	88%	2.98
2023	51	17	14	6	1	0	5	8	33%	27%	12%	2%	0%	10%	16%	84%	75%	3.24
Averages……………………………………………………………………									29%	33%	17%	4%	0%	4%	13%	87%	83%	

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BITC-1340		Quality Assurance for the Biosciences															Completion	Success	Course
		Grade Assigned							Grade Distribution										
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	8	4	1	1	0	0	1	1	50%	13%	13%	0%	0%	13%	13%	88%	75%	3.50
2020	8	4	2	0	0	0	1	1	50%	25%	0%	0%	0%	13%	13%	88%	75%	3.67
2021	5	2	0	1	0	0	2	0	40%	0%	20%	0%	0%	40%	0%	100%	60%	3.33
2022	4	1	1	1	0	0	1	0	25%	25%	25%	0%	0%	25%	0%	100%	75%	3.00
2023	4	4	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
Averages………………………………………………………………………									53%	13%	12%	0%	0%	18%	5%	95%	77%	

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**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.

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BITC-2431		Cell Culture Techniques														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	5	1	2	1	0	0	0	1	20%	40%	20%	0%	0%	0%	20%	80%	80%	3.00
2021	5	0	3	0	1	0	0	1	0%	60%	0%	20%	0%	0%	20%	80%	80%	2.50
2022	3	0	1	1	0	0	1	0	0%	33%	33%	0%	0%	33%	0%	100%	67%	2.50
2023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Averages………………………………………………………………………									7%	44%	18%	7%	0%	11%	13%	87%	76%	

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BITC-2441		Molecular Biology Techniques														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2023	3	3	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
Averages……………………………………………………………………									100%	0%	0%	0%	0%	0%	0%	100%	100%	

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BITC-2486		Internship – Biology Technician/Biotechnology Laboratory Technician														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2022	1	0	1	0	0	0	0	0	0%	100%	0%	0%	0%	0%	0%	100%	100%	3.00
2023	2	2	0	0	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	100%	100%	4.00
Averages……………………………………………………………………									50%	50%	0%	0%	0%	0%	0%	100%	100%	

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CHEM-1411		General Chemistry I														Completion	Success	Course
		Grade Assigned							Grade Distribution							Completion	Success	Course
Year	Enrollment	A	B	C	D	P	F	W	A	B	C	D	P	F	W	Rate	Rate *	GPA**
2019	1364	379	327	266	114	0	126	152	28%	24%	20%	8%	0%	9%	11%	89%	80%	2.89
2020	1325	400	338	199	82	1	127	178	30%	26%	15%	6%	0%	10%	13%	87%	77%	3.04
2021	1238	344	356	200	70	1	139	128	28%	29%	16%	6%	0%	11%	10%	90%	78%	3.00
2022	1006	367	275	142	45	1	89	87	36%	27%	14%	4%	0%	9%	9%	91%	83%	3.16
2023	884	288	239	143	54		66	94	33%	27%	16%	6%	0%	7%	11%	89%	82%	3.05
Averages……………………………………………………………………………									31%	27%	16%	6%	0%	9%	11%	89%	80%	

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