By the Numbers

Join the Tiger Ambush!

Working as a team to use information to create quality for employees and students.

Office of Institutional Effectiveness, March 2024

#togetherwetellourstory

This edition of By the Numbers includes information about student success at Cowley College.

The graphics on the following pages can be viewed in their entirety in an interactive format with additional, information online by logging in at Tableau Online

New! By the Numbers is now available publicly on the College's website in both a condensed fact sheet and expanded newsletter format.

Don't have a Tableau account? Have questions about the information contained in this newsletter? Contact me using the information below.

Thank you,
Debbie Phelps
debbie.phelps@cowley.edu

Introduction

With over 45 transfer pathways and 27 career and technical education (CTE) programs to choose from, Cowley College offers a wide variety of options for students to select as their major of study.

The data in this set of dashboards is reported to the Kansas Board of Regents (KBOR) as part of an annual data collection.

Headcounts for transfer pathway majors do not include dual credit, high school students who are coded Liberal Arts in the system to facilitate enrollment management processes in the College's student information system and do not necessarily reflect what the dual credit student might select as a college student. Headcounts for CTE programs do include dual credit, high school headcounts as this group of students intends to begin earning the intended program's award(s) during their high school career.

BY THE NUMBERS

Office of Institutional Effectiveness

About the Data

The data used to create the charts in this dashboard set is reported annually to the Kansas Board of Regents' (KBOR) in the Declared Majors file for the Annual Year (AY) Collection.

Transfer Pathways: Information for Liberal Arts majors does not include high school students who are coded degree-seeking for the purpose of academic advising.

Career & Technical Education (CTE) Programs: Information does not include students who are coded as a technical program major due to requirements for Perkins funding. Headcounts do include students who select a CTE major during their high school career.

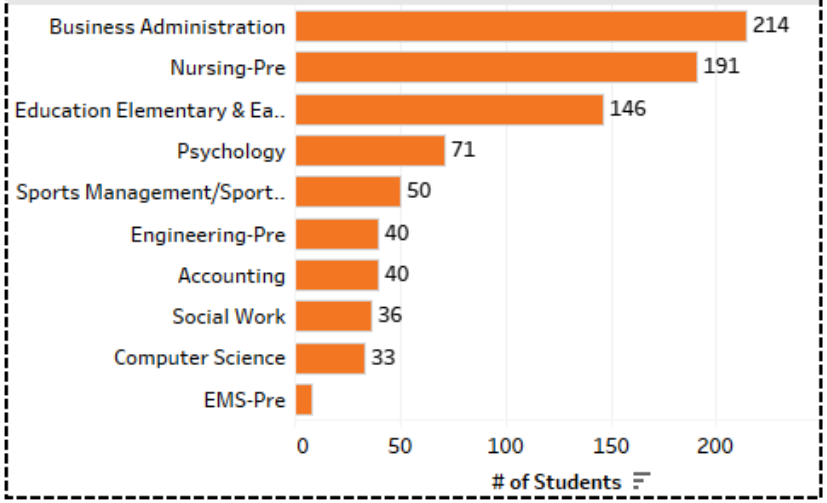
Total Number of Pathway and/or Program Majors for 2022-2023

Transfer Pathway Majors	Career & Technical Program Majors
1,607	1,005

Top Ten Pathways & Programs for 2022-2023

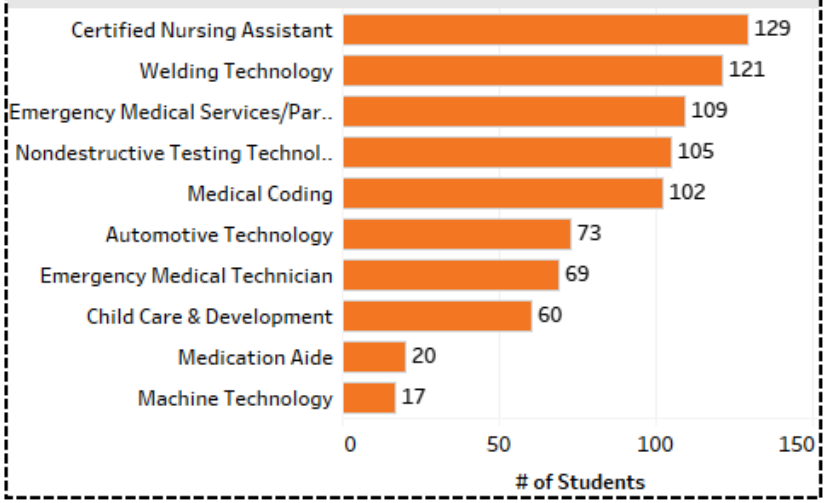
Transfer Pathways

Does not include Liberal Arts



Career & Technical Education Programs

Includes SAPP Programs



2. Career & Technical (CTE) Program Majors Summary

Hover over the bar chart on the right to see the year to year change for each program.

Select a specific program to allow bar chart to fill in for those with smaller numbers of majors.

(All)

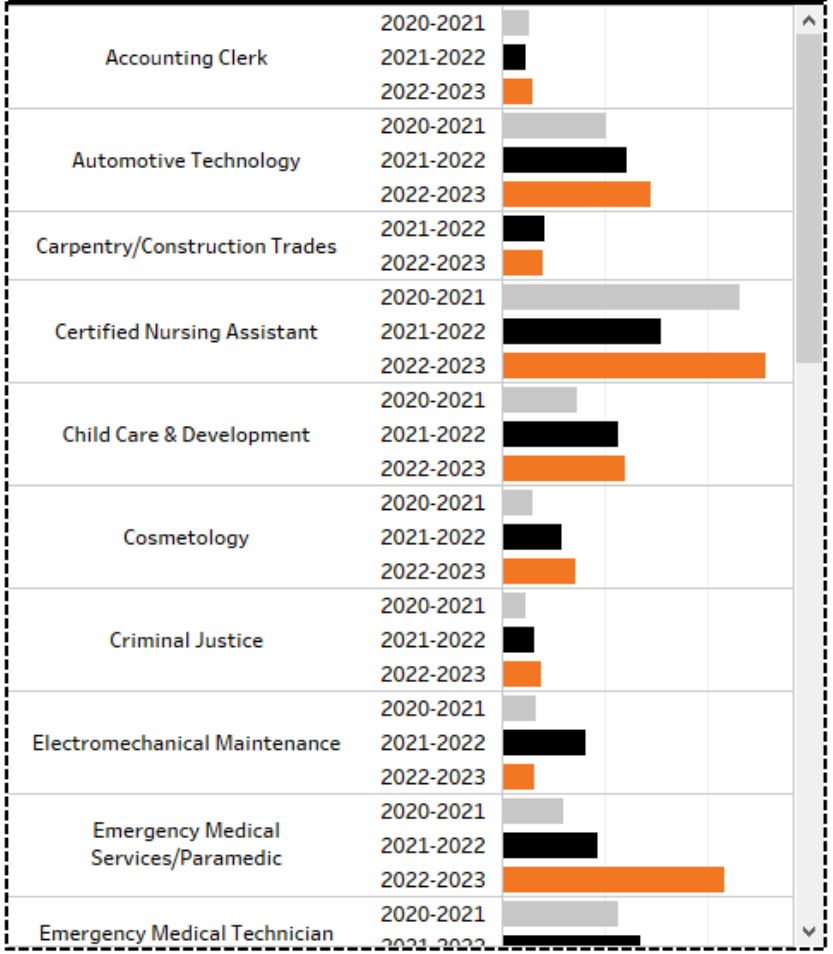
Three Year Total Headcount by Program 2020-2021, 2021-2022, 2022-2023

Unduplicated headcounts for the *three years* where each student is counted once for each program major, regardless of embedded awards.

Accounting Clerk	31
Automotive Technology	130
Carpentry/Construction Trades	34
Certified Nursing Assistant	321
Child Care & Development	108
Cosmetology	66
Criminal Justice	37
Electromechanical Maintenance	72
Emergency Medical Services/Paramedic	145
Emergency Medical Technician	192
Farm & Ranch Management	29
Fire Science	26
Home Health Aide	21
Machine Technology	69
Medical Coding	181
Medical Office Support	7
Medication Aide	77
Milling Technician	37
Nondestructive Testing Technology	232
Office Management	33
Phlebotomy	6
Restorative Aide	14
Software, Security & Development	44
Welding Technology	203

Headcount of Students by CTE Program

If yearly headcounts, when totaled, will be larger than the total in the chart to the left because the resulting total headcount duplicated as each student is counted for every academic year enrolled during the three year period.

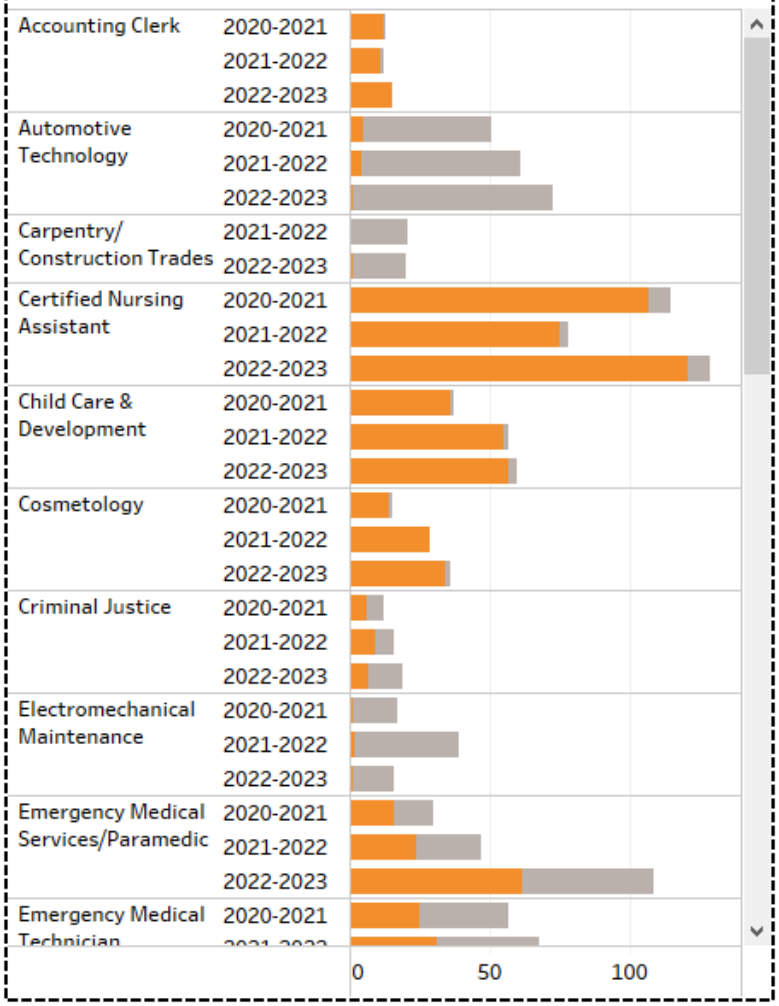


3. CTE Program Majors by Gender

Why care about gender? Perkins V includes provisions that aim to promote better gender balance in postsecondary CTE programs that lead to high-paying jobs. A nontraditional field is defined as one for which one gender makes up less than 25% of the workforce. Perkins funding is dedicated to addressing gender imbalances in technical career fields through increased enrollment by women in male-dominated career fields and men in women-dominated career fields.

Select a specific program here!

(All)



Headcounts by Program

Major Description	Program Nontraditional for	Academic Year	Men	Women
Accounting Clerk	Male	2020-2021	1	12
		2021-2022	1	11
		2022-2023	6	31
Automotive Technology	Female	2020-2021	46	5
		2021-2022	57	4
		2022-2023	72	1
Carpentry/ Construction Trades	Female	2021-2022	21	
		2022-2023	19	1
Certified Nursing Assistant	Male	2020-2021	8	107
		2021-2022	3	75
		2022-2023	8	121
Child Care & Development	Male	2020-2021	1	36
		2021-2022	2	55
		2022-2023	4	75
Cosmetology	Male	2020-2021	1	14
		2021-2022		29
		2022-2023	2	34
Criminal Justice	Female	2020-2021	6	6
		2021-2022	7	9
		2022-2023	13	9
Electromechanical Maintenance	Female	2020-2021	16	1
		2021-2022	37	2
		2022-2023	15	1
Emergency Medical Services/Paramedic	Neutral	2020-2021	14	16
		2021-2022	23	24

4. Transfer Pathway Majors Summary

Hover over the bar chart on the right to see the year to year change for each pathway.

Select a specific pathway to allow bar chart to fill in for those with smaller numbers of majors.

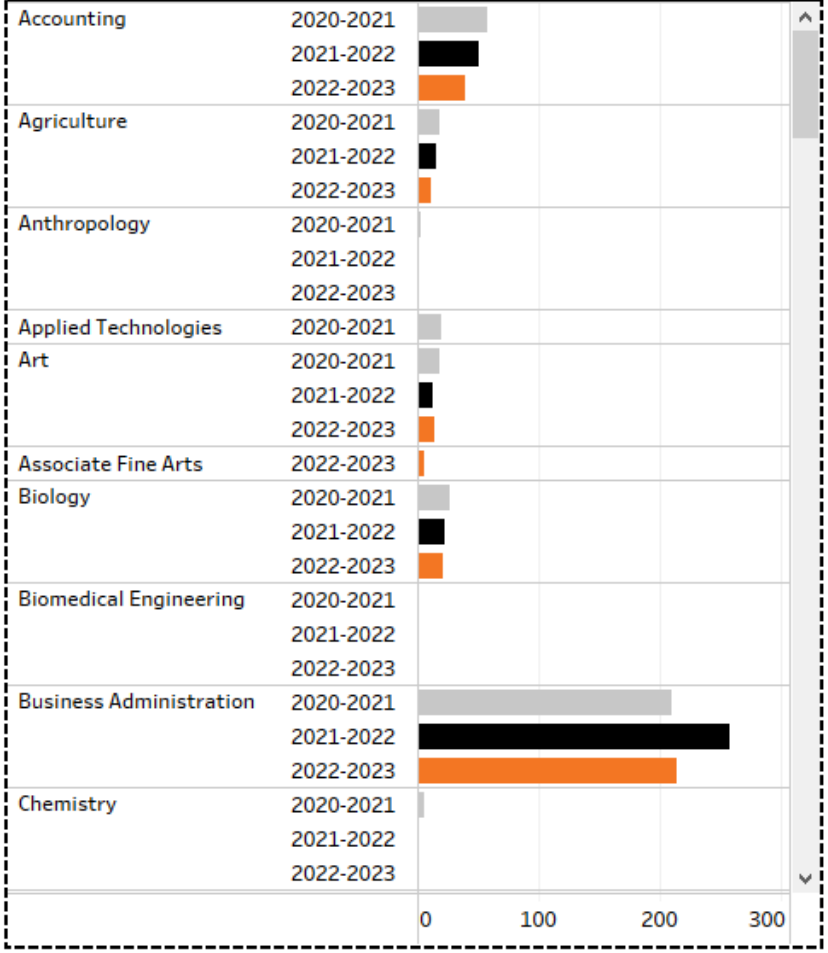
(All)

Threre Year Total Headcount by Pathway 2020-2021, 2021-2022, 2022-2023

Accounting	113
Agriculture	38
Anthropology	7
Applied Technologies	20
Art	40
Associate Fine Arts	5
Biology	53
Biomedical Engineering	3
Business Administration	509
Chemistry	7
Chiropractic-Pre	9
Computer Information Science	17
Computer Information Science/Programming	29
Computer Science	87
Creative Writing	27
Criminal Justice Administration	64
Criminal Justice Pathway	36
Dental Hygiene (Pre)	82
Dentistry-Pre	11
Diagnostic Medical Sonography-Pre	47
Dietetics	8
Education Elementary & Early Childhood	345
Education General	1
Education Health & PE K-12	1
Education Secondary	62
Education Secondary Agriculture 6-12	3
Education Secondary Biology 6-12	6
Education Secondary Earth & Space Science 6-12	1

Headcount of Student by Transfer Pathway

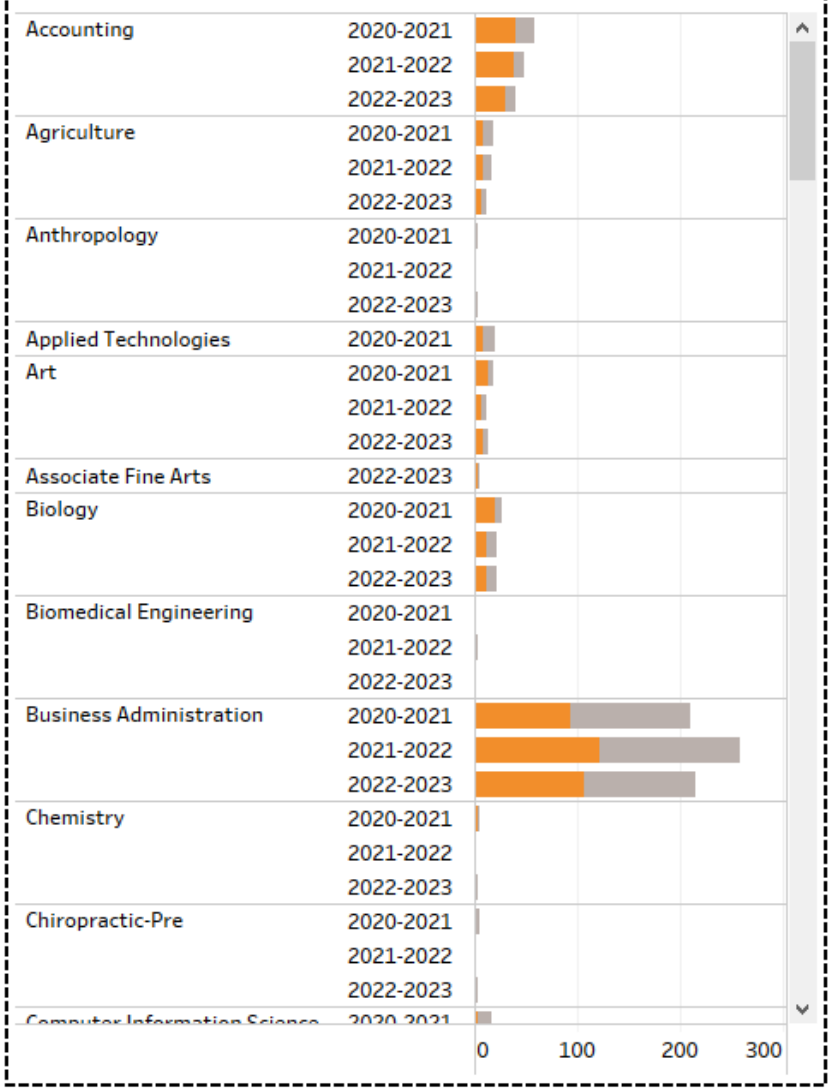
If yearly headcounts, when totaled, will be larger than the total in the chart to the left because the resulting total headcount duplicated as each student is counted for every academic year enrolled during the three year period.



5. Transfer Pathway Majors by Gender

Select a specific program here!

(All)



Headcounts by Pathway

		Men	Women
Accounting	2020-2021	18	40
	2021-2022	11	38
	2022-2023	10	30
Agriculture	2020-2021	9	9
	2021-2022	7	9
	2022-2023	5	6
Anthropology	2020-2021	1	2
	2021-2022		1
	2022-2023	1	1
Applied Technologies	2020-2021	12	8
Art	2020-2021	6	13
	2021-2022	5	7
	2022-2023	5	8
Associate Fine Arts	2022-2023	2	3
Biology	2020-2021	7	20
	2021-2022	10	12
	2022-2023	9	12
Biomedical Engineering	2020-2021	1	
	2021-2022	1	1
	2022-2023		1
Business Administration	2020-2021	117	93
	2021-2022	136	122
	2022-2023	107	107
Chemistry	2020-2021	2	3
	2021-2022	1	
	2022-2023	1	1
Chiropractic-Pre	2020-2021	4	1
	2021-2022	2	
	2022-2023	3	
Computer Information Science	2020-2021	12	4
Computer Information	2021-2022	12	5