

# Academies of Louisville - CTE Pathways with Occupation Outlook

Data Source: KY Stats Future Demand Skills Report 2018-2022; Compiled February 2020

SCHOOL	Pathway	Sample Occupation	Current Estimated Employment	Market Growth	Projected Demand	Projected Wage
Atherton	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
Ballard	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
Iroquois	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
Moore	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
PRP	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
Valley	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
Western	Administrative Support	Office Clerk	26142	Stable	3884	\$29,668
Atherton	Aerospace Engineering	Aerospace Engineers	15	Fast	15	\$103,365
Shawnee	Aerospace Engineering	Aerospace Engineers	15	Fast	15	\$103,365
Ballard	Aerospace Engineering	Aerospace Engineers	15	Fast	15	\$103,365
Moore	Air Force JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Atherton	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Doss	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Jtown	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Moore	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
PRP	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Seneca	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Shawnee	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Valley	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Waggener	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Western	Allied Health	Health Care Support Workers	349	Very Fast	65	\$34,637
Moore	Animal Science Systems	Farmers, Ranchers, Agriculture Managers	179	Fast	27	\$73,329
Seneca	Animal Science Systems	Farmers, Ranchers, Agriculture Managers	179	Fast	27	\$73,329
PRP	Architectural Technology	Architectural & Civil Drafters	831	Stable	54	\$49,079
Southern	Army JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Doss	Automation Engineering	Industrial Engineer	799	Fast	165	\$78,867
Fern Creek	Automation Engineering	Industrial Engineer	799	Fast	165	\$78,867
Shawnee	Automation Engineering	Industrial Engineer	799	Fast	165	\$78,867
Southern	Automotive Maintenance and Light Repair Technician	Automotive Service Technicians	2595	Growing	432	\$37,843
Moore	Cinematography and Video Production	Producers & Directors	1503	Stable	269	\$48,426
Atherton	Cinematography and Video Production	Producers & Directors	1503	Stable	269	\$48,426
Ballard	Cinematography and Video Production	Producers & Directors	1503	Stable	269	\$48,426
Iroquois	Cinematography and Video Production	Producers & Directors	1503	Stable	269	\$48,426
PRP	Cinematography and Video Production	Producers & Directors	1503	Stable	269	\$48,426
Fern Creek	Cinematography and Video Production	Producers & Directors	1503	Stable	269	\$48,426
Moore	Civil Engineering	Civil Engineer	848	Growing	164	\$77,601
Valley	Clinical Medical Assisting	Medical Assistant	2079	Very Fast	452	\$31,549
Valley	Computer Programming Blended Hybrid	Systems Software Developers	642	Very Fast	104	\$91,550
Waggener	Computer Science	Computer Occupations	933	Fast	115	\$90,201
Fern Creek	Computer Science	Computer Occupations	933	Fast	115	\$90,201
Fern Creek	Consumer and Family Management	Personal Care & Service Workers	51	Stable	7	\$24,686
Iroquois	Culinary & Food Services	Chefs and Head Cooks	267	Fast	39	\$43,503
Moore	Culinary & Food Services	Chefs and Head Cooks	267	Fast	39	\$43,503
Western	Culinary & Food Services	Chefs and Head Cooks	267	Fast	39	\$43,503
Ballard	Cyber Engineering	Computer Systems Administrators	1204	Growing	144	\$71,450
Fairdale	Cyber Engineering	Computer Systems Administrators	1204	Growing	144	\$71,450
Seneca	Cyber Engineering	Computer Systems Administrators	1204	Growing	144	\$71,450
Southern	Cyber Engineering	Computer Systems Administrators	1204	Growing	144	\$71,450

Green cells are wages higher than the projected average wage (\$44,000)  
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SCHOOL	Pathway	Sample Occupation	Current Estimated Employment	Market Growth	Projected Demand	Projected Wage
Fairdale	Diesel Medium Heavy Truck Inspection, Maintenance, and Minor Repair Technician	Bus, Trucks & Diesel Engine Mechanics	1380	Fast	195	\$50,095
Doss	Digital Design and Game Development	Software Developers, Applications	2862	Very Fast	510	\$76,312
Ballard	E-Commerce	Media & Communication Workers	74	Growing	9	\$42,169
Jtown	E-Commerce	Media & Communication Workers	74	Growing	9	\$42,169
PRP	E-Commerce	Media & Communication Workers	74	Growing	9	\$42,169
Fern Creek	E-Commerce	Media & Communication Workers	74	Growing	9	\$42,169
Iroquois	Early Childhood Education	Preschool Teachers	542	Growing	94	\$44,536
Seneca	Early Childhood Education	Preschool Teachers	542	Growing	94	\$44,536
Shawnee	Early Childhood Education	Preschool Teachers	542	Growing	94	\$44,536
Moore	EKG Technology/Technician	Health Technologies Technician	600	Very Fast	127	\$55,748
Valley	EKG Technology/Technician	Health Technologies Technician	600	Very Fast	127	\$55,748
Waggener	EKG Technology/Technician	Health Technologies Technician	600	Very Fast	127	\$55,748
Valley	Electrical Technician	Electrical Engineering Technicians	314	Growing	50	\$51,849
Waggener	Electrical Technician	Electrical Engineering Technicians	314	Growing	50	\$51,849
Southern	Entry Level Collision Repair Painter	Automotive Body & Related Repairers	1912	Growing	335	\$42,234
Southern	Entry Level Non-Structural Damage and Repair Technician	Automotive Body & Related Repairers	1912	Growing	335	\$42,234
Valley	Environmental Control System Technician	Heating & Air Conditioning Mechanic	1235	Very Fast	235	\$41,061
Seneca	Environmental Science/Natural Resources Systems	Environmental Science & Protection Technician	13	Stable	13	\$51,596
Doss	Financial Services	Financial Managers	2338	Growing	374	\$108,875
Southern	Financial Services	Financial Managers	2338	Growing	374	\$108,875
Fairdale	Fire Science/Firefighting	Firefighters	544	Growing	95 46	\$37,552
Fern Creek	Fire Science/Firefighting	Firefighters	544	Growing	95 46	\$37,552
Shawnee	Flight and Aeronautics	Airline Pilots & Flight Engineers	1663	Stable	237	\$169,512
Atherton	Graphic Design	Graphic Designers	773	Stable	95	\$45,138
Ballard	Graphic Design	Graphic Designers	773	Stable	95	\$45,138
PRP	Graphic Design	Graphic Designers	773	Stable	95	\$45,138
Shawnee	Graphic Design	Graphic Designers	773	Stable	95	\$45,138
Western	Graphic Design	Graphic Designers	773	Stable	95	\$45,138
Fern Creek	Graphic Design	Graphic Designers	773	Stable	95	\$45,138
Fairdale	Heavy Equipment Sciences	Operating Engineers & Construction Equipment Operators	1044	Growing	132	\$48,858
Seneca	Horticulture and Plant Science Systems	Farm Workers, Nursery & Greenhouse	423	Stable	53	\$28,626
Southern	Hospitality Travel Tourism and Recreation	Public Relations Specialist	535	Fast	66	\$56,991
Fairdale	Hospitality, Travel, Tourism and Recreation	Public Relations Specialist	535	Fast	66	\$56,991
Doss	Information Support and Services	Computer User Support Specialist	1616	Very Fast	238	\$45,820
Ballard	Interactive Media	Multimedia Artist	185	Growing	23	\$51,133
Fairdale	Law Enforcement Services	Protective Service Occupations	888	Growing	320	\$46,645
Jtown	Machinist Operator	Tool & Die Makers	506	Growing	43	\$55,713
Southern	Machinist Operator	Tool & Die Makers	506	Growing	43	\$55,713
Ballard	Management & Entrepreneurship	Managers	3808	Growing	581	\$104,354
Doss	Management & Entrepreneurship	Managers	3808	Growing	581	\$104,354
Valley	Management & Entrepreneurship	Managers	3808	Growing	581	\$104,354
Seneca	Management & Entrepreneurship	Managers	3808	Growing	581	\$104,354

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SCHOOL	Pathway	Sample Occupation	Current Estimated Employment	Market Growth	Projected Demand	Projected Wage
Fern Creek	Marine Corps JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Jtown	Marine Corps JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Seneca	Marine Corps JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Ballard	Marketing	Marketing Manager	603	Growing	99	\$118,070
Doss	Marketing	Marketing Manager	603	Growing	99	\$118,070
Jtown	Marketing	Marketing Manager	603	Growing	99	\$118,070
PRP	Marketing	Marketing Manager	603	Growing	99	\$118,070
Jtown	Mechanical Designer	Mechanical Engineering Technican	81	Growing	13	\$44,004
Iroquois	Mechanical Engineering	Mechanical Engineer	699	Very Fast	160	\$83,836
Jtown	Mechanical Engineering	Mechanical Engineer	699	Very Fast	160	\$83,836
Shawnee	Navy JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Valley	Navy JROTC	Protective Service Occupations	888	Growing	320	\$46,645
Atherton	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
Doss	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
Fairdale	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
Jtown	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
PRP	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
Seneca	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
Western	Patient Care Technician	Health Care Practioner	127	Very Fast	26	\$47,091
Moore	Pharmacy Technician	Pharmacy Technician	1608	Very Fast	238	\$39,995
PRP	Pharmacy Technician	Pharmacy Technician	1608	Very Fast	238	\$39,995
Valley	Phlebotomy Technician	Phlebotomist	2236	Very Fast	563	\$30,915
Moore	PLTW Biomedical Sciences	Physician Assistant	375	Very Fast	101	\$100,276
PRP	PLTW Biomedical Sciences	Physician Assistant	375	Very Fast	101	\$100,276
Valley	PLTW Biomedical Sciences	Physician Assistant	375	Very Fast	101	\$100,276
Waggener	PLTW Biomedical Sciences	Physician Assistant	375	Very Fast	101	\$100,276
Atherton	PLTW Biomedical Sciences	Physician Assistant	375	Very Fast	101	\$100,276
Fern Creek	Plumber Assistant	Plumbers, Pipefitters & Steamfitters	2468	Very Fast	499	\$50,265
Iroquois	Plumber Assistant	Plumbers, Pipefitters & Steamfitters	2468	Very Fast	499	\$50,265
Seneca	Pre-Law Studies	Paralegals and Legal Assistants	1318	Growing	203	\$49,802
Waggener	Pre-Law Studies	Paralegals and Legal Assistants	1318	Growing	203	\$49,802
Doss	Pre-Nursing	Registered Nurse	13740	Very Fast	3416	\$64,738
Jtown	Pre-Nursing	Registered Nurse	13740	Very Fast	3416	\$64,738
Moore	Pre-Nursing	Registered Nurse	13740	Very Fast	3416	\$64,738
PRP	Pre-Nursing	Registered Nurse	13740	Very Fast	3416	\$64,738
Valley	Pre-Nursing	Registered Nurse	13740	Very Fast	3416	\$64,738
Waggener	Pre-Nursing	Registered Nurse	13740	Very Fast	3416	\$64,738
Western	Residential Carpenter Assistant	Carpenters	2742	Growing	294	\$40,551
Iroquois	Skilled Trades Commercial Carpentry TRACK	Carpenters	2742	Growing	294	\$40,551
Iroquois	Skilled Trades Construction Electrical TRACK	Electricians	2671	Very Fast	586	\$57,339
Moore	Skilled Trades Construction Electrical TRACK	Electricians	2671	Very Fast	586	\$57,339
Iroquois	Skilled Trades Masonry TRACK	Brick Masons & Block Masons	380	Very Fast	85	\$43,381
Ballard	Teaching and Learning	K-12 Teacher	1342	Growing	186	\$59,391
Fairdale	Teaching and Learning	K-12 Teacher	1342	Growing	186	\$59,391
Moore	Teaching and Learning	K-12 Teacher	1342	Growing	186	\$59,391
PRP	Teaching and Learning	K-12 Teacher	1342	Growing	186	\$59,391
Seneca	Teaching and Learning	K-12 Teacher	1342	Growing	186	\$59,391
Waggener	Teaching and Learning	K-12 Teacher	1342	Growing	186	\$59,391
Valley	Veterinary Assistant	Vet Assistant	195	Growing	30	\$23,883

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Waggener	Web Development/Administration	Web Developers	425	Very Fast	85	\$55,371
Iroquois	Welder Entry Level	Welders, Cutters, Solderers & Brazers	1990	Very Fast	463	\$40,795
PRP	Welder Entry Level	Welders, Cutters, Solderers & Brazers	1990	Very Fast	463	\$40,795
Jtown	Welding Maintenance Technician	Maintenance Worker, Machinery	253	Growing	32	\$46,343

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