

Employment Rates for Virginia Western Career and Technical Education (CTE) Graduates 18 Months After Graduation

The table below shows the past three years of employment data by CTE program. Graduates are included for each CTE program that they earned an award.

			2020-21 Graduates	2021-22 Graduates	2022-23 Graduates	3-Year Average	3 Year % Change
Career Technical Associate Degree (AAS)	Academic Plan	Degree	Employed	Employed	Employed	Employed	Employed
Accounting	203	AAS	58%	67%	86%	70%	47%
Administration of Justice*	400	AAS	70%	33%	-	52%	**
Administrative Management Technology (AMT)	298	AAS	83%	100%	33%	72%	-60%
AMT - Medical Administrative Management	298-03	AAS	69%	50%	58%	59%	-16%
Criminal Justice	456	AAS	0%	71%	90%	54%	-
Culinary Arts	242	AAS	71%	67%	60%	66%	-15%
Culinary Arts - Baking Specialization	242-01	AAS	100%	0%	50%	50%	-50%
Dental Hygiene	118	AAS	52%	28%	67%	49%	28%
Early Childhood Development	636	AAS	62%	0%	71%	44%	16%
Human Services	480	AAS	70%	60%	87%	72%	25%
Information Systems Technology (IST)	299	AAS	100%	100%	100%	100%	0%
IST - Cyber Security & Network Administration	299-11	AAS	91%	79%	73%	81%	-20%
IST - Database and Program Developer	299-10	AAS	63%	60%	70%	64%	12%
IST - Web Programmer Specialization*	299-12	AAS	33%	100%	-	67%	**
Management	212	AAS	91%	89%	82%	88%	-10%
Mechatronics Systems Engineering Technology (MSET)	736	AAS	80%	86%	90%	85%	13%
Medical Laboratory Technology	151	AAS	63%	80%	100%	81%	60%
MSET - Design Engineering Technology	736-01	AAS	50%	100%	100%	83%	100%
MSET - Electrical Engineering Technology	736-02	AAS	60%	100%	50%	70%	-17%
Nursing	156	AAS	76%	78%	77%	77%	1%
Paralegal Studies	260	AAS	70%	89%	67%	75%	-5%
Radiation Oncology	113	AAS	44%	44%	65%	51%	46%
Radiography	172	AAS	78%	83%	87%	83%	11%
Surgical Technology	171	AAS	-	-	50%	50%	-
Technical Studies	718	AAS	-	75%	33%	54%	-
Visual Design	511	AAS	87%	80%	64%	77%	-27%
Total			71%	68%	73%	71%	3%

			2020-21 Graduates	2021-22 Graduates	2022-23 Graduates	3-Year Average	3 Year % Change
Certificate (CERT)	Academic Plan	Degree	Employed	Employed	Employed	Employed	Employed
Practical Nursing	157	CERT	78%	74%	80%	77%	3%
Total			78%	74%	80%	77%	3%

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Career Studies Certificate (CSC)	Academic Plan	Degree	Employed	Employed	Employed	Employed	Employed
Air Conditioning & Refrigeration - Residential	221-903-10	CSC	94%	74%	59%	76%	-38%
AMT - Advanced Medical Office Specialist	221-285-91	CSC	50%	100%	88%	79%	75%
AMT - Computer Office Support Specialist	221-298-02	CSC	64%	100%	40%	68%	-37%
AMT - Medical Office Specialist	221-285-87	CSC	82%	69%	70%	74%	-15%
Applied Interdisciplinary Science*	221-879-01	CSC	-	100%	-	100%	**
Automotive Analysis & Repair	221-909-01	CSC	86%	90%	75%	84%	-13%
Biotechnology	221-149-01	CSC	100%	50%	50%	67%	-50%
Building Trades Technology	221-989-00	CSC	50%	100%	50%	67%	0%
Business Communication	221-298-21	CSC	71%	78%	75%	75%	5%
Computed Tomography Imaging	221-172-02	CSC	-	0%	-	0%	-
Computer Draft & Design (CAD)	221-729-01	CSC	100%	-	33%	67%	-67%
Construction Management	221-917-01	CSC	50%	86%	60%	65%	20%
Criminal Justice - Advanced Foundations	221-400-47	CSC	100%	75%	89%	88%	-11%
Criminal Justice - Foundations	221-400-45	CSC	100%	88%	89%	92%	-11%
Culinary Arts - Advanced Foodservice	221-242-03	CSC	100%	90%	50%	80%	-50%
Culinary Arts - Baking & Pastry	221-242-05	CSC	100%	75%	80%	85%	-20%
Culinary Arts - Cake Production & Decorating	221-242-07	CSC	100%	100%	100%	100%	0%
Culinary Arts - Introduction to Foodservice	221-241-02	CSC	80%	100%	0%	60%	-100%
Early Childhood Development	221-636-04	CSC	67%	67%	67%	67%	0%
Early Childhood Development - Advanced	221-636-10	CSC	100%	38%	60%	66%	-40%
Early Childhood Development - Infant and Toddler Care	221-636-06	CSC	100%	20%	75%	65%	-25%
Electrical Wiring	221-706-01	CSC	82%	65%	80%	76%	-2%
Emergency Medical Technician	221-146-01	CSC	52%	100%	50%	67%	-4%
Engineering	221-831-01	CSC	0%	50%	0%	17%	-
Entrepreneurship Plus	221-212-10	CSC	67%	33%	50%	50%	-25%
Health Records Coding	221-152-06	CSC	75%	71%	50%	65%	-33%
Horticulture Technology	221-335-04	CSC	100%	57%	64%	74%	-36%
HP - Introduction to Dental Hygiene	221-118-01	CSC	67%	100%	33%	67%	-50%
HP - Introduction to Medical Laboratory Technology	221-151-01	CSC	-	0%	100%	50%	-
HP - Introduction to Nursing	221-156-02	CSC	75%	67%	70%	71%	-7%
HP - Introduction to Physical Therapist Assistant	221-180-01	CSC	-	50%	50%	50%	-
HP - Introduction to Practical Nursing	221-157-02	CSC	-	83%	50%	67%	-
HP - Introduction to Radiation Oncology	221-112-01	CSC	0%	100%	80%	60%	-

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Career Studies Certificate (CSC) continued	Academic Plan	Degree	Employed	Employed	Employed	Employed	Employed
HP - Introduction to Radiography	221-172-01	CSC	50%	60%	30%	47%	-40%
Human Services - Advanced Skills	221-480-46	CSC	50%	38%	90%	59%	80%
Human Services - Foundations	221-480-44	CSC	67%	68%	65%	67%	-2%
IST - CISCO CCNA Networking	221-732-12	CSC	70%	67%	75%	71%	7%
IST - Cyber Security	221-732-09	CSC	63%	73%	45%	60%	-28%
IST - Database and Program Developer	221-299-12	CSC	70%	57%	50%	59%	-29%
IST - Information Technology Support Analyst	221-299-23	CSC	87%	80%	62%	76%	-29%
IST - Network & Security Administration	221-732-02	CSC	72%	67%	73%	71%	1%
IST - Web Programmer	221-352-03	CSC	100%	43%	100%	81%	0%
Legal Office Assisting	221-260-01	CSC	67%	91%	91%	83%	36%
Magnetic Resonance Imaging	221-172-04	CSC	75%	-	-	75%	-
Maintenance Technology	221-731-98	CSC	80%	100%	50%	77%	-38%
Mechatronics - Advanced Technology	221-706-90	CSC	-	100%	67%	83%	-
Mechatronics - Technology	221-736-01	CSC	50%	100%	-	75%	-
Medical Billing	221-152-03	CSC	65%	72%	67%	68%	3%
Nurse Aide*	221-157-04	CSC	0%	-	-	0%	**
Phlebotomy	221-151-02	CSC	80%	63%	74%	72%	-7%
Welding & Metal Processing	221-995-47	CSC	85%	76%	88%	83%	3%
Total			76%	70%	69%	72%	-9%

			2020-21 Graduates	2021-22 Graduates	2022-23 Graduates	3-Year Average	3 Year % Change
Award Type	Employed	Employed	Employed	Employed	Employed	Employed	Employed
Career Technical Associate Degree (AAS)	71%	68%	73%	71%	3%		
Certificate (CERT)	78%	74%	80%	77%	3%		
Career Studies Certificate (CSC)	76%	70%	69%	72%	-9%		
Total	74%	69%	71%	71%	-4%		

Source: Virginia Employment Commission (VEC). VEC data includes only limited data on out-of-state employment, federal or military employment, independent contractors, or employers with less than 12 employees.

* Discontinued programs

** 3-year % change not reported for programs discontinued programs or programs with less than 3 years of enrollment