

Virginia Western Fall-to-Fall Programmatic Retention by Academic Plan[^]

The table below shows fall-to-fall programmatic retention for the past five years by academic program. Students must be enrolled in the same academic program the next fall to be considered retained. Students that graduate from the program within the fall semesters being measured are excluded.

				Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022	Fall 2022 - Fall 2023	Fall 2023 - Fall 2024	3-Year Average	3-Year % Change
College Transfer	Academic Plan	Degree	School	% Retained	% Retained	% Retained				
Business Administration	213	AS	BTT	41%	44%	41%	43%	40%	41%	-2%
Engineering	831	AS	STEM	39%	37%	46%	60%	54%	53%	19%
Engineering - Engineering Construction	831-02	AS	STEM	17%	17%	26%	11%	20%	19%	-24%
Engineering - Engineering Construction Pre-Admission*	831-11	AS	STEM	17%	14%	14%	8%	0%	8%	**
Engineering - Computer Science	831-01	AS	STEM	33%	27%	17%	38%	52%	36%	210%
Engineering - Pre-Admission*	831-10	AS	STEM	10%	7%	9%	7%	0%	5%	**
General Studies	699	AS	LASS	36%	43%	38%	41%	35%	38%	-8%
General Studies - Undecided*	699-02	AS	LASS	5%	17%	10%	14%	0%	8%	**
Liberal Arts	648	AA	LASS	29%	40%	33%	32%	45%	37%	35%
Liberal Arts - Fine Arts	648-01	AA	LASS	28%	31%	44%	34%	44%	40%	0%
Science	880	AS	STEM	35%	46%	43%	34%	40%	39%	-7%
Science - Agriculture	880-08	AS	STEM	47%	36%	56%	41%	39%	45%	-29%
Science - Biotechnology	880-09	AS	STEM	-	-	-	-	57%	-	-
Science - Computer Science	880-01	AS	STEM	37%	32%	35%	30%	29%	31%	-18%
Science - Health Sciences	880-02	AS	STEM	32%	23%	38%	29%	34%	34%	-9%
Science - Integrated Environmental Studies	880-05	AS	STEM	57%	32%	47%	38%	32%	39%	-31%
Science - Mathematics	880-04	AS	STEM	15%	30%	10%	33%	67%	37%	567%
Social Sciences	882	AS	LASS	39%	35%	35%	42%	43%	40%	23%
Social Sciences - Education Specialization	882-01	AS	LASS	42%	41%	45%	38%	40%	41%	-11%
Degree Type Average^{^^}				31%	31%	33%	32%	35%	33%	9%

				Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022	Fall 2022 - Fall 2023	Fall 2023 - Fall 2024	3-Year Average	3-Year % Change
Career Technical Degree	Academic Plan	Degree	School	% Retained	% Retained	% Retained				
Accounting	203	AAS	BTT	58%	64%	58%	46%	65%	56%	11%
Administration of Justice*	400	AAS	LASS	43%	57%	0%	-	-	**	**
Administrative Management Technology (AMT)	298	AAS	BTT	63%	45%	47%	50%	67%	54%	43%
AMT - Medical Administrative Management	298-03	AAS	BTT	50%	54%	69%	47%	48%	55%	-31%
Criminal Justice	456	AAS	LASS	26%	47%	46%	33%	39%	39%	-14%
Culinary Arts	242	AAS	BTT	54%	58%	53%	48%	42%	47%	-21%
Culinary Arts - Baking Specialization	242-01	AAS	BTT	22%	50%	55%	83%	65%	68%	19%
Dental Hygiene	118	AAS	HP	74%	76%	78%	95%	86%	86%	10%
Dental Hygiene Pre-Admission*	118-01	AAS	HP	29%	0%	-	-	-	**	**
Early Childhood Development	636	AAS	LASS	53%	37%	40%	50%	51%	47%	29%
Human Services	480	AAS	LASS	55%	58%	55%	39%	40%	45%	-27%
Information Systems Technology (IST)	299	AAS	STEM	38%	33%	25%	43%	37%	35%	47%
IST - Cyber Security & Network Administration	299-11	AAS	STEM	40%	54%	48%	42%	43%	44%	-11%
IST - Database and Program Developer	299-10	AAS	STEM	43%	50%	50%	42%	50%	47%	0%
IST - Web Programmer Specialization*	299-12	AAS	STEM	25%	100%	0%	-	-	**	**
Management	212	AAS	BTT	39%	54%	53%	45%	47%	48%	-11%

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Career Technical Degree (continued)	Academic Plan	Degree	School	% Retained	% Retained	% Retained				
Mechatronics Systems Engineering Technology (MSET)	736	AAS	STEM	51%	47%	47%	61%	59%	55%	25%
Medical Laboratory Technology	151	AAS	HP	60%	47%	57%	36%	46%	47%	-19%
Medical Laboratory Technology Pre-Admission*	151-01	AAS	HP	0%	0%	-	-	-	**	**
MSET - Design Engineering Technology	736-01	AAS	STEM	25%	25%	56%	56%	23%	45%	-58%
MSET - Electrical Engineering Technology	736-02	AAS	STEM	64%	57%	75%	50%	65%	63%	-14%
Nursing	156	AAS	HP	80%	71%	63%	58%	70%	64%	13%
Nursing Pre-Admission*	156-01	AAS	HP	21%	0%	-	-	-	**	**
Paralegal Studies	260	AAS	BTT	64%	48%	59%	57%	50%	55%	-16%
Physical Therapist Assistant	180	AAS	HP	-	-	-	96%	76%	86%	-
Radiation Oncology	113	AAS	HP	100%	96%	80%	75%	86%	80%	7%
Radiation Oncology Pre-Admission*	113-01	AAS	HP	7%	0%	-	-	-	**	**
Radiography	172	AAS	HP	83%	82%	73%	79%	93%	81%	27%
Radiography Pre-Admission*	172-01	AAS	HP	22%	0%	-	-	-	**	**
Surgical Technology	171	AAS	HP	-	-	-	50%	70%	60%	**
Technical Studies	718	AAS	BTT	-	-	50%	75%	65%	63%	29%
Visual Design	511	AAS	LASS	47%	52%	50%	47%	43%	47%	-13%
Degree Type Average^{^^}				46%	47%	51%	56%	57%	55%	11%

				Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022	Fall 2022 - Fall 2023	Fall 2023 - Fall 2024	3-Year Average	3-Year % Change
Certificate	Academic Plan	Degree	School	% Retained	% Retained	% Retained				
General Education	695	CERT	LASS	65%	31%	59%	35%	54%	49%	-8%
Practical Nursing	157	CERT	HP	50%	63%	38%	56%	50%	48%	33%
Practical Nursing Pre-Admission*	157-01	CERT	HP	20%	0%	-	-	-	**	**
Degree Type Average^{^^}				45%	31%	48%	46%	52%	49%	8%

				Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022	Fall 2022 - Fall 2023	Fall 2023 - Fall 2024	3-Year Average	3-Year % Change
Career Studies Certificate	Academic Plan	Degree	School	% Retained	% Retained	% Retained				
Air Conditioning & Refrigeration - Commercial	221-903-13	CSC	BTT	-	0%	33%	0%	0%	11%	-100%
Air Conditioning & Refrigeration - Residential	221-903-10	CSC	BTT	32%	52%	50%	40%	39%	43%	-22%
AMT - Advanced Medical Office Specialist	221-285-91	CSC	BTT	0%	0%	100%	38%	33%	57%	-67%
AMT - Computer Office Support Specialist*	221-298-02	CSC	BTT	64%	50%	75%	43%	50%	56%	-33%
AMT - Customer Support*	221-218-03	CSC	BTT	0%	-	-	-	-	**	**
AMT - Medical Office Specialist	221-285-87	CSC	BTT	63%	32%	35%	53%	26%	38%	-26%
Applied Interdisciplinary Science*	221-879-01	CSC	STEM	0%	-	-	-	-	**	**
Automotive Analysis & Repair	221-909-01	CSC	BTT	23%	28%	24%	5%	17%	15%	-30%
Biotechnology	221-149-01	CSC	STEM	33%	83%	44%	20%	55%	40%	23%

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Career Studies Certificate (continued)	Academic Plan	Degree	School	Fall 2019 -	Fall 2020 -	Fall 2021 -	Fall 2022 -	Fall 2023 -	3-Year Average	3-Year % Change
				Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024		
Building Trades Technology	221-989-00	CSC	BTT	36%	27%	27%	23%	41%	30%	50%
Business Communication	221-298-21	CSC	BTT	0%	50%	60%	69%	43%	57%	-28%
Computed Tomography Imaging	221-172-02	CSC	HP	-	-	-	-	0%	0%	-
Computer Draft & Design (CAD)	221-729-01	CSC	STEM	25%	13%	43%	33%	38%	38%	-10%
Construction Management	221-917-01	CSC	BTT	-	11%	50%	38%	50%	46%	0%
Criminal Justice - Advanced Foundations	221-400-47	CSC	LASS	-	-	13%	40%	38%	30%	208%
Criminal Justice - Foundations	221-400-45	CSC	LASS	-	0%	11%	39%	33%	28%	200%
Culinary Arts - Advanced Foodservice	221-242-03	CSC	BTT	40%	54%	50%	50%	27%	42%	-45%
Culinary Arts - Baking & Pastry	221-242-05	CSC	BTT	32%	36%	78%	46%	56%	60%	-29%
Culinary Arts - Cake Production & Decorating	221-242-07	CSC	BTT	0%	100%	83%	43%	40%	55%	-52%
Culinary Arts - Introduction to Foodservice	221-241-02	CSC	BTT	44%	45%	67%	42%	33%	47%	-50%
Culinary Arts - Professional Catering~	221-242-01	CSC	BTT	50%	40%	17%	33%	40%	30%	140%
Early Childhood Development	221-636-04	CSC	LASS	20%	35%	31%	41%	45%	39%	44%
Early Childhood Development - Advanced	221-636-10	CSC	LASS	-	86%	44%	35%	28%	36%	-38%
Early Childhood Development - Infant and Toddler Care	221-636-06	CSC	LASS	25%	43%	40%	29%	36%	35%	-11%
Electrical Wiring	221-706-01	CSC	BTT	31%	32%	28%	45%	44%	39%	60%
Emergency Medical Technician	221-146-01	CSC	HP	-	-	0%	0%	38%	13%	-
Engineering	221-831-01	CSC	STEM	45%	27%	32%	36%	50%	39%	58%
Entrepreneurship Plus	221-212-10	CSC	BTT	22%	45%	40%	40%	33%	38%	-19%
Health Records Coding	221-152-06	CSC	BTT	52%	43%	36%	46%	44%	42%	22%
Horticulture Technology	221-335-04	CSC	BTT	9%	67%	60%	50%	44%	51%	-26%
HP - Introduction to Dental Hygiene	221-118-01	CSC	HP	-	21%	40%	53%	33%	42%	-17%
HP - Introduction to Medical Laboratory Technology	221-151-01	CSC	HP	-	0%	33%	38%	37%	36%	11%
HP - Introduction to Nursing	221-156-02	CSC	HP	-	21%	29%	35%	34%	33%	15%
HP - Introduction to Physical Therapist Assistant	221-180-01	CSC	HP	-	20%	45%	56%	34%	45%	-24%
HP - Introduction to Practical Nursing	221-157-02	CSC	HP	-	17%	14%	28%	22%	21%	62%
HP - Introduction to Radiation Oncology	221-112-01	CSC	HP	-	25%	37%	47%	38%	40%	2%
HP - Introduction to Radiography	221-172-01	CSC	HP	-	21%	33%	39%	45%	39%	37%
HP - Introduction to Surgical Technology	221-159-01	CSC	HP	-	-	-	38%	34%	36%	-
Human Services - Advanced Skills	221-480-46	CSC	LASS	-	0%	69%	55%	42%	55%	-40%
Human Services - Foundations	221-480-44	CSC	LASS	-	0%	50%	46%	35%	44%	-30%
IST - CISCO CCNA Networking	221-732-12	CSC	STEM	42%	50%	51%	56%	48%	52%	-6%
IST - Cyber Security	221-732-09	CSC	STEM	43%	41%	46%	46%	45%	46%	-2%
IST - Database and Program Developer	221-299-12	CSC	STEM	39%	44%	46%	27%	22%	32%	-53%
IST - Desktop Support Technician*	221-299-04	CSC	STEM	0%	0%	-	-	-	**	**
IST - Information Technology Support Analyst	221-299-23	CSC	STEM	-	26%	23%	40%	35%	33%	52%
IST - Network & Security Administration	221-732-02	CSC	STEM	46%	40%	49%	55%	45%	50%	-7%
IST - Web Programmer	221-352-03	CSC	STEM	27%	33%	50%	45%	31%	42%	-38%
Legal Office Assisting	221-260-01	CSC	BTT	29%	14%	36%	38%	43%	39%	20%
Magnetic Resonance Imaging	221-172-04	CSC	HP	0%	-	-	0%	-	0%	-

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Career Studies Certificate (continued)				Academic Plan	Degree	School	% Retained	% Retained	% Retained	% Retained	% Retained
Maintenance Technology	221-731-98	CSC	BTT	25%	50%	0%	25%	43%	23%	#DIV/0!	
Mechatronics - Advanced Technology	221-706-90	CSC	STEM	33%	60%	50%	50%	45%	48%	-9%	
Mechatronics - Technology	221-736-01	CSC	STEM	-	100%	50%	60%	29%	46%	-43%	
Medical Billing	221-152-03	CSC	BTT	60%	44%	36%	42%	33%	37%	-8%	
Medical Office Specialist	221-285-87	CSC	BTT	63%	32%	35%	53%	26%	38%	-26%	
Nurse Aide*	221-157-04	CSC	HP	0%	0%	-	-	-	**	**	
Phlebotomy	221-151-02	CSC	HP	25%	17%	14%	33%	7%	18%	-53%	
Welding & Metal Processing	221-995-47	CSC	BTT	22%	25%	23%	14%	17%	18%	-28%	
Degree Type Average^{^^}				29%	34%	41%	38%	35%	38%	-13%	

				Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022	Fall 2022 - Fall 2023	Fall 2023 - Fall 2024	3-Year Average	3-Year % Change
Non Program-Placed				Academic Plan	Degree	School	% Retained	% Retained	% Retained	% Retained
Upgrading Emp Skills	021			0%	0%	0%	-	-	0%	-
Develop Job Skills	022			0%	100%	0%	0%	-	0%	-
Career Exploration	023			0%	-	-	-	-	**	**
Personal Satisfaction	024			4%	9%	5%	6%	6%	6%	20%
Transient Student	025			0%	0%	0%	0%	2%	1%	-
Non Degree Transfer	026			13%	17%	0%	-	-	0%	-
High School & College Dual Credit	041			40%	43%	47%	46%	46%	46%	-3%
High School or Home School - No High School Credit	042			9%	33%	9%	14%	10%	11%	13%
High School - Both Dual and Non-Dual Credit	043			23%	20%	40%	25%	18%	28%	-55%
Degree Type Average^{^^}				10%	28%	13%	15%	16%	15%	29%

FALL-TO-FALL RETENTION BY DEGREE TYPE

		Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022	Fall 2022 - Fall 2023	Fall 2023 - Fall 2024	3-Year Average	3-Year % Change
Degree	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained
Non Program Placed	10%	28%	13%	15%	16%	15%	29%	
College Transfer Degrees (AA/AS)	31%	31%	33%	32%	35%	33%	9%	
Career Technical Degrees (AAS)	46%	47%	51%	56%	57%	55%	11%	
Certificates (CERT)	45%	31%	48%	46%	52%	49%	8%	
Career Studies Certificates (CSCs)	29%	34%	41%	38%	35%	38%	-13%	
Average Fall-to-Fall Retention		32%	34%	37%	37%	39%	38%	6%
Average Program-Placed Fall-to-Fall Retention		38%	36%	43%	43%	45%	44%	4%

[^] Students are counted for each academic program they are enrolled in during the initial fall semester

^{^^} Degree type average is calculated by taking the average of programmatic retention averages for that award level.

* Discontinued program

** 3-year averages and % change not reported for discontinued programs

~ Program is on teach-out

Source: SIS - VWIR_ENRL_BY_PLANS_TERM_BEGIN, PV282_IR_GRADS, 7/2/2025