

NORTHERN VIRGINIA COMMUNITY COLLEGE

Office of Institutional Effectiveness and Student Success

The purpose of the Office of Institutional Effectiveness and Student Success is to conduct analytical studies and provide information in support of institutional planning, policy formulation, and decision making. In addition, the office provides leadership and support in research-related activities to members of the NOVA community engaged in planning and evaluating the institution's success in accomplishing its mission.

When citing data from this report, the Northern Virginia Community College (NOVA) Office of Institutional Effectiveness and Student Success must be cited as the source.

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**ENROLLMENT HEADCOUNT OF PROGRAM PLACED STUDENTS
BY MAJOR/SPECIALIZATION AND AWARD TYPE
FALL 2015 THROUGH FALL 2019**

Curriculum Code	Major/Specialization	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
AWARD = A.A.						
5290	Fine Arts, A.A.	689	608	631	338	117
5291	Fine Arts: Art Photography Specialization, A.A.	1	-	-	-	-
6480	Liberal Arts, A.A.	2,148	1,741	1,480	1,117	914
6489	Liberal Arts: Art History Specialization, A.A.	33	32	43	33	42
6482	Liberal Arts: Communication Studies Specialization, A.A.	267	270	306	337	328
6484	Liberal Arts: English Specialization, A.A.	164	200	226	251	297
6486	Liberal Arts: International Studies Specialization, A.A.	243	200	191	182	181
6485	Liberal Arts: Philosophy Specialization, A.A.	1	1	-	-	-
648B	Liberal Arts: Psychology Specialization, A.A.	422	359	324	197	74
6488	Liberal Arts: Religion Specialization, A.A.	-	1	-	-	-
5550	Music, A.A.	206	154	163	150	128
A.A. TOTAL HEADCOUNT		4,174	3,566	3,364	2,605	2,081
AWARD = A.S.						
2130	Business Administration, A.S.	5,726	5,539	5,020	4,937	4,872
2460	Computer Science, A.S.	1,955	1,936	2,011	2,033	1,953
4710	Criminology and Criminal Justice, A.S.	-	-	-	612	874
8310	Engineering, A.S.	1,524	1,562	1,510	1,542	1,717
8311	Engineering: Electrical Engineering Specialization, A.S.	500	459	402	235	80
6990	General Studies, A.S.	10,459	10,624	10,493	9,511	7,421
6993	General Studies: Recreation, Parks and Leisure Studies, A.S.	49	38	26	25	14
6995	General Studies: Health Sciences, A.S.	-	-	-	-	845
3400	Information Technology, A.S.	2,374	2,273	2,307	2,112	1,922
6520	Psychology, A.S.	-	-	-	-	191
8800	Science, A.S.	3,485	3,257	3,083	2,987	2,664
8803	Science: Biotechnology, A.S.	2	-	-	-	-
8802	Science: Mathematics Specialization, A.S.	246	257	257	228	205
8820	Social Sciences, A.S.	2,158	2,045	2,008	1,780	1,515
8823	Social Sciences: Deaf Studies Specialization, A.S.	18	15	13	13	13

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AWARD = A.S. (Cont'd)						
8825	Social Sciences: Geospatial Specialization, A.S.	34	30	27	20	22
8824	Social Sciences: Political Science Specialization, A.S.	293	303	328	313	290
8821	Social Sciences: Psychology Specialization, A.S.	987	915	753	771	723
8822	Social Sciences: Teacher Education Specialization, A.S.	642	555	573	604	642
A.S. TOTAL HEADCOUNT		30,452	29,808	28,811	27,723	25,963
AWARD = A.F.A.						
5630	Cinema, A.F.A.	-	-	-	130	233
5610	Visual Art, A.F.A.	-	-	-	186	480
A.F.A. TOTAL HEADCOUNT		-	-	-	316	713
AWARD = A.A.A.						
5300	Fine Arts, A.A.A.	76	77	71	55	20
5301	Fine Arts: Photography Specialization, A.A.A.	55	62	43	32	19
5590	Music, A.A.A.	55	50	48	49	64
5591	Music: Jazz/Popular Music Specialization, A.A.A.	23	19	11	10	13
A.A.A. TOTAL HEADCOUNT		209	208	173	146	116
AWARD = A.A.S.						
2030	Accounting, A.A.S.	512	405	422	385	355
4000	Administration of Justice, A.A.S.	430	383	307	201	128
4001	Administration of Justice: Homeland Security Specialization, A.A.S.	55	69	87	46	41
9040	Air Conditioning and Refrigeration, A.A.S.	167	173	152	135	151
6400	American Sign Language to English Interpretation A.A.S	59	57	62	59	62
9010	Architecture Technology, A.A.S.	130	133	119	109	106
9090	Automotive Technology, A.A.S.	325	297	283	270	267
9091	Automotive Technology: Emissions Specialization, A.A.S.	72	62	76	59	60
1490	Biotechnology, A.A.S.	75	60	45	44	31
2120	Business Management, A.A.S.	675	581	649	576	514
2124	Business Management: Administrative Support Technology Spec., A.A.S.	9	5	3	3	1
2123	Business Management: Finance Specialization, A.A.S.	153	95	41	23	7

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AWARD = A.A.S. (Cont'd)						
2125	Business Management: Healthcare Administration Specialization, A.A.S.	96	58	35	11	6
2121	Business Management: International Business Specialization, A.A.S.	64	36	20	8	4
2122	Business Management: Public Management Specialization, A.A.S.	41	26	5	3	1
7310	Computer and Electronic Technology, A.A.S.	3	3	1	-	-
9170	Construction Management Technology, A.A.S.	94	101	92	122	139
2480	Contract Management, A.A.S.	37	34	43	32	28
3450	Cybersecurity, A.A.S.	518	897	1,189	1,467	1,644
1180	Dental Hygiene, A.A.S.	87	78	79	72	73
1090	Diagnostic Medical Sonography, A.A.S.	38	35	33	30	29
1091	Diagnostic Medical Sonography: Echocardiography Specialization, A.A.S.	-	-	-	-	6
1092	Diagnostic Medical Sonography: Vascular Sonography Specialization, A.A.S.	-	-	7	12	12
6360	Early Childhood Development, A.A.S.	408	386	414	378	390
6361	Early Childhood Development: School-Age Child Specialization, A.A.S.	106	73	36	23	5
1460	Emergency Medical Services, A.A.S.	26	20	46	82	91
9680	Engineering Technology, A.A.S.	106	66	63	56	57
9681	Engineering Technology: Civil Engineering Technology Specialization, A.A.S.	62	47	53	31	11
9684	Engineering Technology: Data Center Operations Specialization, A.A.S.	-	-	-	10	20
9682	Engineering Technology: Drafting Specialization, A.A.S.	15	10	9	8	3
9683	Engineering Technology: Mechanical Engineering Technology Spec., A.A.S.	85	51	59	38	19
4270	Fire Science Technology, A.A.S.	53	43	22	11	3
5110	Graphic Design, A.A.S	159	127	124	200	223
5113	Graphic Design: Interactive Design Specialization, A.A.S.	48	34	35	50	53
1520	Health Information Technology, A.A.S.	56	55	45	38	45
3350	Horticulture Technology, A.A.S.	31	33	37	30	28
3353	Horticulture Technology: Landscape Design Specialization, A.A.S.	36	34	30	33	33
7750	Hospitality Management, A.A.S.	121	123	115	108	125
7751	Hospitality Management: Food Service Management Specialization, A.A.S.	33	24	19	34	39
7752	Hospitality Management: Hotel Management Specialization, A.A.S.	32	25	26	11	8
7753	Hospitality Management: Nutrition Management Specialization, A.A.S.	27	19	15	7	-

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AWARD = A.A.S. (Cont'd)						
2990	Information Systems Technology, A.A.S.	468	383	390	420	374
2995	Information Systems Technology: Cloud Computing Specialization, A.A.S.	-	-	-	25	82
2992	Information Systems Technology: Microcomputer Specialization, A.A.S.	1	-	-	-	-
2993	Information Systems Technology: Network Administration Spec., A.A.S.	2	-	-	-	-
2994	Information Systems Technology: Network Engineering Specialization, A.A.S.	1	-	-	-	-
5200	Interior Design, A.A.S.	130	125	137	147	155
2510	Marketing, A.A.S.	77	72	83	95	83
2513	Marketing: Digital Marketing Specialization, A.A.S.	21	10	2	-	-
2514	Marketing: International Marketing Specialization, A.A.S.	17	8	5	2	1
2515	Marketing: Public Relations Specialization, A.A.S.	47	18	7	1	2
1510	Medical Laboratory Technology, A.A.S.	39	34	36	27	32
1560	Nursing, A.A.S.	346	338	342	273	229
1260	Occupational Therapy Assistant, A.A.S.	38	42	40	40	41
2600	Paralegal Studies, A.A.S.	189	161	152	164	142
5020	Photography and Media, A.A.S.	113	97	92	97	115
1800	Physical Therapist Assistant, A.A.S.	79	74	74	80	78
1720	Radiography, A.A.S.	85	83	81	76	79
4600	Recreation and Parks, A.A.S.	1	-	-	-	-
1810	Respiratory Therapy, A.A.S.	39	45	37	48	37
1880	Veterinary Technology, A.A.S.	156	150	152	128	76
A.A.S. TOTAL HEADCOUNT		6,893	6,398	6,528	6,438	6,344
AWARD = CERTIFICATE						
4060	Administration of Justice, Certificate	26	12	17	14	8
9030	Air Conditioning and Refrigeration, Certificate	26	23	18	19	16
9300	Architectural Drafting, Certificate	8	4	12	10	10
9840	Automotive Electrical Technician, Certificate	1	4	-	2	3

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AWARD = CERTIFICATE (Cont'd)						
9100	Automotive Emissions, Certificate	4	1	3	3	1
2040	Bookkeeping, Certificate	42	46	53	43	39
2500	Contract Management, Certificate	10	9	8	12	7
2450	Culinary Arts, Certificate	66	34	32	41	31
1200	Dental Assisting, Certificate	17	14	8	12	17
6320	Early Childhood Development, Certificate	70	64	55	55	58
6950	General Education, Certificate	10	9	4	4	6
2670	Meeting, Event and Exhibition Management, Certificate	7	7	9	5	5
2970	Multimedia Design, Certificate	20	16	16	13	16
5570	Music Recording Technology, Certificate	35	32	39	52	58
2650	Professional Writing, Certificate	18	19	20	32	32
2730	Real Estate Brokerage, Certificate	1	-	1	-	-
2320	Small Business Management, Certificate	1	2	1	-	-
4030	Substance Abuse Rehabilitation Counselor, Certificate	53	59	57	48	48
2430	Travel and Tourism, Certificate	-	1	-	-	-
3520	Web Design Manager, Certificate	2	1	-	-	-
CERTIFICATE TOTAL HEADCOUNT		417	357	353	365	355
AWARD = CAREER STUDIES CERTIFICATE						
221-203-02	Accounting, C.S.C.	187	166	164	143	114
221-648-01	African-American Studies, C.S.C.	1	-	-	-	-
221T	Air Conditioning and Refrigeration, C.S.C.	-	-	-	-	1
221-640-03	American Sign Language Interpreting, C.S.C.	2	3	2	-	-
221-640-01	American Sign Language, C.S.C.	24	29	24	35	36
221-299-06	Application Programming, C.S.C.	16	15	7	15	18
221-909-01	Automotive Maintenance and Light Repair, C.S.C.	14	6	14	13	18
221-149-01	Biotechnology Lab Technician, C.S.C.	14	15	8	10	7
221-212-15	Business Information Technology, C.S.C.	12	23	14	22	26
221-212-04	Business Management Principles, C.S.C.	7	2	-	-	-

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AWARD = CAREER STUDIES CERTIFICATE (Cont'd)						
221-648-02	Chinese Studies, C.S.C.	2	4	1	-	-
221-152-01	Clinical Data Coding, C.S.C.	28	30	21	22	22
221-909-10	Collision Repair Technology, C.S.C.	9	10	7	9	4
221-729-01	Computer Aided Drafting and Design, C.S.C.	11	5	9	11	10
221-917-01	Construction Supervision, C.S.C.	12	12	1	9	11
221-732-09	Cybersecurity, C.S.C.	90	93	95	116	128
221-299-11	Database Specialist, C.S.C.	21	17	14	16	28
221-920-02	Diesel Mechanics Technology, C.S.C.	14	21	21	16	23
221-251-01	Digital Marketing, C.S.C.	2	2	11	5	10
221-882-01	Driver Education, C.S.C.	6	8	16	16	15
221-636-04	Early Childhood Development, C.S.C.	43	41	43	38	44
221-514-23	Electronic Media Design, Rendering, and Animation, C.S.C.	5	3	-	1	-
221-146-01	Emergency Medical Technician - Basic, C.S.C.	9	10	11	11	0
221-146-03	Emergency Medical Technician - Intermediate, C.S.C.	16	11	10	12	3
221-212-10	Entrepreneurship, C.S.C.	13	14	10	14	18
221-405-45	Forensic Investigation (Advanced), C.S.C.	8	5	6	4	3
221-405-43	Forensic Investigation (General), C.S.C.	28	14	15	7	7
221-719-71	Geographic Information Systems, C.S.C.	44	35	34	34	28
221-152-02	Health Information Technology, C.S.C.	5	0	1	0	0
221-190-01	Health Science, C.S.C.	38	45	41	47	22
221-903-10	HVAC-R and Facilities Services Technology, C.S.C.	27	24	28	25	23
221-636-06	Infant and Toddler Care, C.S.C.	7	12	5	15	14
221-212-16	Information Processing, C.S.C.	-	1	-	-	1
221-212-17	International Business, C.S.C.	1	1	1	-	-
221-299-09	IT Technical Support, C.S.C.	73	38	28	28	34
221-648-04	Japanese Studies, C.S.C.	10	2	1	-	-
221-648-05	Latin American Studies, C.S.C.	10	6	3	1	-
221-212-13	Leadership Development, C.S.C.	21	24	16	17	17
221-299-20	Linux Programming and Development, C.S.C.	1	-	-	-	-

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AWARD = CAREER STUDIES CERTIFICATE (Cont'd)						
221-251-04	Marketing Management, C.S.C.	5	3	2	2	5
221-251-02	Marketing, C.S.C.	14	6	4	8	11
221-179-01	Massage Therapy, C.S.C.	33	18	10	13	9
221-251-10	Medical Laboratory Assistant, C.S.C.	-	-	-	5	7
221-407-95	National Security, C.S.C.	11	10	3	2	8
221-732-01	Network Administration, C.S.C.	31	26	23	23	16
221-732-05	Network Engineering (Professional), C.S.C.	1	-	-	-	-
221-732-04	Network Engineering (Specialist), C.S.C.	20	19	19	23	19
221-460-20	Outdoor Recreation and Resource Management, C.S.C.	1	1	-	-	-
221-146-05	Paramedic, C.S.C.	3	7	7	9	1
221-629-03	Paraprofessional Teacher Assistant, C.S.C.	16	5	3	1	-
221-460-01	Personal Training, C.S.C.	23	21	22	26	40
221-151-02	Phlebotomy, C.S.C.	15	16	10	15	18
221-251-03	Promotion and Public Relations, C.S.C.	4	3	3	4	3
221-648-03	Public History and Historic Preservation, C.S.C.	20	14	18	12	5
221-273-02	Real Estate Residential Appraisal, C.S.C.	-	-	-	1	-
221-460-30	Recreation Programming and Administration, C.S.C.	2	3	3	1	1
221-400-02	Security Management, C.S.C.	6	6	3	7	5
221-915-01	Site Development, C.S.C.	3	2	1	2	1
221-529-02	Theatre, C.S.C.	18	12	9	8	11
221-352-03	Web Design and Development, C.S.C.	58	43	35	34	38
221-352-02	Web Design Specialist, C.S.C.	15	8	7	9	9
221-995-01	Welding: Basic Techniques, C.S.C.	48	35	28	31	36
CAREER STUDIES CERTIFICATE TOTAL HEADCOUNT		1,178	1,005	892	948	928
TOTAL PROGRAM PLACED STUDENT HEADCOUNT		43,323	41,342	40,121	38,541	36,500

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PATHWAY TO THE AMERICAN DREAM—NOVA'S STRATEGIC PLAN 2017-2023

THE NOVA COMMITMENT

As its primary contributions to meeting the needs of the Commonwealth of Virginia, the Northern Virginia Community College pledges to advance the social and economic mobility of its students while producing an educated citizenry for the 21st Century.

THE STRATEGIC PLAN GOALS AND OBJECTIVES

To deliver on this commitment NOVA will focus its creativity and talent, its effort and energy, and its resources and persistence, on achieving three overarching goals—success, achievement, and prosperity. It will strive to enable **Every Student to Succeed, Every Program to Achieve, and Every Community to Prosper.**

To advance the completion agenda described above, thereby promoting students' success and enhancing their social mobility, ensuring that programs achieve, and producing an educated citizenry for the 21st Century, the following goals and objectives are adopted:

GOAL 1: Every Student Succeeds

- **Objective 1:** Develop a College-wide approach to advising that ensures all students are advised and have access to support throughout their time at NOVA
- **Objective 2:** Implement VIP-PASS System as the foundational technology based on NOVA Informed Pathways for student self-advising, assignment and coordination of advisors, and course registration

GOAL 2: Every Program Achieves

- **Objective 3:** Develop comprehensive, fully integrated Informed Pathways for every program to ensure seamless transitions from high school and other entry points to NOVA, and from NOVA to four-year transfer institutions or the workforce
- **Objective 4:** Develop effective processes and protocols for programmatic College-wide collective decisions that include consistent, accountable leadership and oversight of each academic program with designated "owners," active advisory committees, clear student learning outcomes and assessments, and program reviews in all modalities of instruction
- **Objective 5:** Align NOVA's organizational structures, position descriptions, and expectations for accountability with its overarching mission to support student engagement, learning, success and institutional effectiveness

GOAL 3: Every Community Prospers

- **Objective 6:** Enhance the prosperity of every community in Northern Virginia by refocusing and prioritizing NOVA's workforce development efforts
- **Objective 7:** Further develop NOVA's IT and Cybersecurity programs to support regional job demand and position NOVA as the leading IT community college in the nation
- **Objective 8:** Re-envision workforce strategies and integrate workforce development into a NOVA core focus
- **Objective 9:** Plan to expand the breadth and reach of NOVA's healthcare and biotechnology programs, and prioritize future programs to support regional economic development goals

NOVA

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