

AS IN HEALTH SCIENCES AND *MORE!*

Dr. Megan Cook, Dean of Health Sciences

OBJECTIVES

- Introduction
- Why Are We Here?
- The Web Is Our Friend
- What is Our Next Step
- Health Sciences Programs
- Nursing Program
- Pathways

OUR GOALS

To integrate best practices in NOVA Health Sciences and Nursing program education by promoting student success while preparing students for the Health Professions.

- *To provide safe, evidence-based, patient-centered care that reflects ethical judgement and inter-professional collaboration between the college and healthcare facilities in the communities via lecture, labs and clinical instruction.*
 - Graduation/Completion
 - Licensure/Certification Ready
 - Entry to Workforce
 - Transfer to a 4-year institution



NOVA NURSING & HEALTH SCIENCE PROGRAMS

10 Associate of Applied Science Degree Programs

Diagnostic Medical Sonography (RDMS)

Dental Hygiene (RDH)

Emergency Medical Services-Paramedic (EMT-P)

Health Information Management (RHIT)

Medical Laboratory Technology (MLT)

Nursing (NUR/NSG)

Occupational Therapy Assistant (OTA)

Physical Therapist Assistant (PTA)

Radiography-Diagnostic Imaging (RT-R)

Radiation Oncology (Virginia Western Community College)

Respiratory Therapy (CRT) and (RRT)



Upcoming new program: Surgical Tech, please check our website for more information.

<https://www.nvcc.edu/medical/apply/index.html>

HEALTH SCIENCE CERTIFICATES

5 Certificate Programs

Clinical Data Coding (CDC)

Dental Assisting (DNA)

Medical Laboratory Assistant (MLA)

Phlebotomy (PBT)

Magnetic Resonance Imaging (MRI) starting Fall 2026

* **All Financial Aid Approved**

Website

<https://www.nvcc.edu/medical/apply/index.html>

HEALTH SCIENCE, A. S.

- *Designed for students to continue along two paths:*
 - To apply to a competitive program at NOVA Medical Education Campus (MEC)
 - To prepare for entry to a variety of health sciences baccalaureate programs.

HEALTH SCIENCES, A. S.

2 PATHWAYS

- **PATH 1:** Apply to one of the ***MEC programs*** and complete an A.A.S. degree or certificate



- **PATH 2:** *Plan for transfer to the following 4-year university programs:*
 - A. George Mason University (GMU), BS in Health Administration
 - B. GMU, BS in Community Health
 - C. Marymount University, BS in Health Sciences
 - D. Old Dominion University, BS in Medical Laboratory Science

PATH 1: TO THE MEC DENTAL HYGIENE (DNH)

2025-2026 Program Requirements

Ms. Betsy Di Silvio (Program Director)

SDV 101 (“C”) or better

ENG 111 (“C”) or better

BIO 141, BIO 142 & BIO 150 (“B”) or better
and completed within the past 10 years

Minimum cumulative GPA: 2.5

Competitive Admissions Process

General Education Courses:

PSY 200 and CST 229

Dental Assisting Experience

Formal Training (chair side)

Certification (Dental Assisting National Board)

TEAS Exam 50% or higher in each Science, Math, English, and Reading

Application period February 1- February 15

Accepts 32 students annually

\$52.41/hr, \$109,020 annual
O*NET Online

<https://www.onetonline.org/link/summary/29-2021.00>



<https://www.nvcc.edu/academics/programs/dental-hygiene.html>

PATH 1: TO THE MEC DIAGNOSTIC MEDICAL SONOGRAPHY (DMS)

2025-2026 Program Requirements

Mr. David Lakhman (Program Director)

SDV 101 (“B”) or better

ENG 111 or Higher (“B”) or better

BIO 141 & BIO 142 (“B”) or better, within the last 5 years

PHY 100, PHY 101, PHY 201 or 202: (“B”), within the last 5 years

MTH 161 (“B”) or better

DMS 100 (“B”) or better, within last 5 years

Minimum cumulative GPA: 2.5

TEAS (SCI, ENG, RDG, MTH) **50% or higher in each area**

Accept 14 students – Abdomen

Attend a Prospective Student Workshop within past 12 months

Accept 8 students – Vascular

Accept 8 students –ECHO

Accepts 16 students-General (Abdomen Ext. & OB/GYN)

Application Period

May 1 – May 15

\$49.55/hr, \$103,060 annual

O*NET Online

<https://www.onetonline.org/link/summary/29-2032.00>



<http://www.nvcc.edu/medical/divisions/allied/sonography.html>

General Education Courses

- PSY 200 Principles of PSY
 - Or PSY 201 & PSY 202
- HLT 141 Intro to Med Term
- HLT 220 Concepts of Disease
- Humanities/Fine Arts (PHI 227 Bio Med Ethics)

PATH 1: TO THE MEC EMERGENCY MEDICAL SERVICES (EMS)

2025-2026 Program Requirements

Ms. Wanda Gardner (Program Director)

Minimum Cumulative GPA: 2.0

ENG 111 Placement

First Come/First Served

Domicile priority

General Education Courses

BIO 141, BIO 142 A&P 1&2

PSY 230 Developmental Psychology

SDV 101/100 College Success Skills

PHI 220 Ethics and Society

Apply any time

<https://www.nvcc.edu/academics/programs/emergency-medical-services/index.html>

\$22.62/hr, \$47,050 annual

O*NET Online

<https://www.onetonline.org/link/summary/29-2041.00>



PATH 1: TO THE MEC HEALTH INFORMATION MANAGEMENT (HIM)

2025-2026 Program Requirements

Ms. Dana Pratt (Program Director)

FULLY ONLINE PROGRAM!

SDV 101 (“C”) or better

ENG 111 or Higher (“C”) or better

CST 229 (“C”) or better

BIO 141 (“C”) or better completed within the past 10 years

HIM 111 (“C”) or better

Complete or self-place into MTH 154 or better

View online info session

Minimum Cumulative GPA: 2.0

First Come/First Served - Domicile priority

General Education Courses

Humanities/Fine Arts

PED 116 Lifetime Fitness and wellness

Social/Behavioral Science

\$26.40/hr, \$54,900 annual

O*NET Online

<https://www.onetonline.org/link/summary/29-2071>



Application period April 1-15

<https://www.nvcc.edu/academics/programs/health-information-management.html>

PATH 1: TO THE MEC MEDICAL LABORATORY TECHNOLOGY (MDL)

2025-2026 Program Requirements

Ms. Amy McCarty (Program Director)

SDV 101 (“C”) or better

ENG 111 (“C”) or better

BIO 141 (“C”) or better within last 10 years

CHM 111 (“C”) or better within last 10 years

Eligible or self-place into MTH 161 or higher

Minimum Cumulative GPA: 2.0

Competitive Admissions Process

View online information session

Transferable Degree to VCU

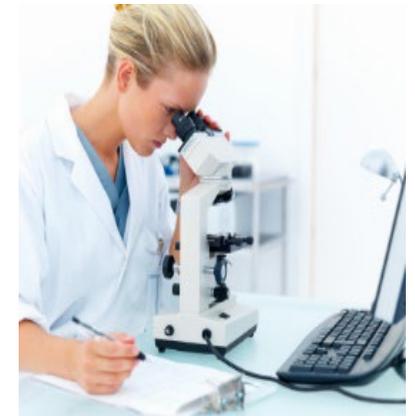
General Education Courses

- *BIO 142 A&P*
- *CST 229 Intercultural communication*
- *Social/Behavioral Science*
- *Humanities/Fine Arts*

\$34.27/hr, \$71,280 annual

O*NET Online

<https://www.onetonline.org/link/summary/29-2011.00>



Application period February 15-March 1

[Medical Laboratory Technology | Northern Virginia Community College](#)

PATH 1: TO THE MEC OCCUPATIONAL THERAPY ASSISTANT (OTA)

2025-2026 Program Requirements

Dr. Kathryn Skibek (Program Director)

SDV 101 (“C”) or better

ENG 111 or Higher (“C”) or better

BIO 145 (“C”) or better; completed within the last 5 years

HLT 141 (“C”) or better

Complete or self-place into MTH 154

Minimum Cumulative GPA: 2.5

MANDATORY Live Information Session

Competitive Admissions

Application Period February 15-March 1

<https://www.nvcc.edu/academics/programs/occupational-therapy-assistant/index.html>

40.02/hr, \$83,230 annual

O*NET Online

<https://www.onetonline.org/link/summary/31-2011.00>



General Education Courses

- Humanities/Fine Arts
- PSY 200 Principles of Psychology
- PSY 215 Abnormal Psychology
- PSY 230 Developmental Psychology

Transferable degree to Shenandoah University

PATH 1: TO THE MEC PHYSICAL THERAPIST ASSISTANT (PTA)

2025-2026 Program Requirements

Ms. Jacqueline Maier, Program Director

Mandatory In-person Information Session

ENG 111 (“B”) or better

BIO 145 (“B”) or better; completed in the last 10 years

HLT 141 (“B”) or better

Completed or self-placed into MTH 154.

Minimum 4 hours of clinic observation

Minimum Cumulative GPA: 2.5

TEAS Exam minimum of 50% in English, Reading, and the Anatomy and Physiology section of Science.
(Please clarify with Program Director)

Competitive Admissions Process

General Education Courses

- SDV 101 or 100, PSY 200,
MTH Elective, Humanities/
Fine Arts

\$36.67/hr, \$76,270 annual

O*NET Online

<https://www.onetonline.org/link/summary/31-2021.00>



<https://www.nvcc.edu/academics/programs/physical-therapist-assistant.html>

PATH 1: TO THE MEC RADIOGRAPHY (RAD)

2025-2026 Program Requirements

Ms. Jarice Risper (Program Director)

- SDV 101 (“B”) or better
- ENG 111 or Higher (“B”) or better
- BIO 141/142 (“B”) or better completed within past 10 years
- RAD 105 (“B”) or better
- MTH 161 complete or self-place
- Minimum cumulative GPA: 2.5 GPA
- TEAS test
- View online information session
- General Education Courses
 - *HLT 141, PSY 200, Humanities/Fine Arts*
- **Application Period May 15-May 31**

\$ 41.52/hr, \$86,330 annual

O*NET Online

<https://www.onetonline.org/link/summary/29-2034.00>



<https://www.nvcc.edu/academics/programs/radiography/index.html>

PATH 1: TO THE MEC RESPIRATORY THERAPY

2025-2026 Program Requirements

Ms. Sherleen Bose (Program Director)

SDV 101 (“C”) or better

ENG 111 (“C”) or better

BIO 141/142 (“C”) or better completed with the past 10 years

HLT 141 (“C”) or better

RTH 120 (“B”) or better

Complete or self-place into MTH 154 or higher

Minimum Cumulative GPA: 2.5

Competitive Admissions Process

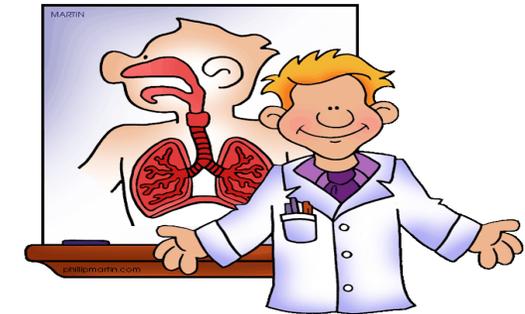
View online information session

Application Period May 15-31

\$46.45/hr, \$96,620 annual

O*NET Online

29-1126.00 - Respiratory Therapists (onetonline.org)



General Education Courses

- Humanities/Fine Arts, CST 229, PED 116, Social/Behavioral Science elective

<https://www.nvcc.edu/academics/programs/respiratory-therapy.html>

PATH 1: TO THE MEC

Certificate Programs

Clinical Data Coding (CDC): FULLY ONLINE!

Apply October 1-October 15

Medical Laboratory Assistant (MLA)

Apply February 15-March 1

Phlebotomy (PBT)

Apply Sept 1-10 (Start in January); February 15-March 1 (start in August)

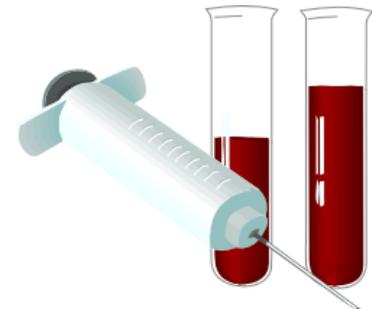
Dental Assisting (DNA)

Apply May 1-15

All first come/first served. Accept until filled.

Website

<https://www.nvcc.edu/academics/divisions/health-sciences/>



PATH 1: PATH TO MEC

To a MEC program

Semester 1:

SDV 101

ENG 111

BIO 141

PSY 200

MTH 154 (Please see your program requirements)

Semester 2:

HLT 143, or HIM 111

BIO 142

CST 100 or CST 110

ENG 112

Elective (DMS: HLT 220; EMS: HLT 250; PTA: PED 220; RTH: RTH 100; RAD: RAD 105)

Semester 3:

MTH 245

Social Science/Behav Science Elective (OTA: PSY 215)

HUM/FA: ART 100, CST 130, CST 151, or MUS 121

Natural/Physical Science Elective (DH: BIO 150; DMS: PHY 101; MLT CHM 111)

Elective: HLT 110 (OTA: PSY 230)

Semester 4:

HIS: HIS 101, or HIS 102

Elective: Suggested: PSY 240

Elective: Suggested: PSY 250

Humanities/Fine Arts Elective

Elective: Suggested: DIT 121

PATH 2: PATHWAY TO A 4-YEAR UNIVERSITY: GMU (GEORGE MASON UNIVERSITY)

B. S. Health Administration

Semester 1:

SDV 101

ENG 111

BIO 101

PSY 200

MTH 154

Semester 2:

HLT 143

CST 229

ENG 125

BIO 141

ITE 115

Semester 3:

BIO 142

MTH 245

PSY 230

HUM/FA: ART 100, CST 130, CST 151, or MUS 121

HLT 230

Semester 4:

HIS: HIS 101, HIS 102, or HIS 112

CST 100

ECO 202

ENG 200 course (see advising sheet)

PLS 211

PATH 2: PATHWAY TO A 4-YEAR UNIVERSITY: GEORGE MASON UNIVERSITY

B. S. Community Health

Semester 1:

SDV 101

ENG 111

BIO 101

PSY 200

MTH 154

Semester 2:

HLT 143

BIO 141

CST 100 or CST 110

ENG 112

ITE 115

Semester 3:

MTH 245

GEO 219

HUM/FA: ART 100, CST 130, CST 151, or MUS 121

BIO 142

HLT 110

Semester 4:

HIS: HIS 101, or HIS 102

GEO 200

DIT 121

ENG 200 course (see advising sheet)

PSY 230

PATH 2: PATHWAY TO A 4-YEAR UNIVERSITY: MARYMOUNT UNIVERSITY

B. S. Health Sciences

Semester 1:

SDV 101

ENG 111

BIO 101

PSY 200

MTH 154

Semester 2:

HLT 141

BIO 141

CST 100

ENG 112

Semester 3:

MTH 245

ECO 201, ECO 202, or SOC 200

HUM/FA: ART 101, ART 102, OR MUS 121

BIO 142

HLT 110

Semester 4:

*HIS: HIS 101, HIS102, HIS 111, HIS 112, HIS 121,
OR 122*

PSY 240

PHI 227

ENG 200 course (see advising sheet)

DIT 121

PATH 2: PATHWAY TO A 4-YEAR UNIVERSITY: OLD DOMINION UNIVERSITY

B. S. Medical Laboratory Science

Semester 1:

SDV 100

ENG 111

BIO 101

PSY 200

MTH 154

Semester 2:

HLT 141

BIO 141

CST 100 OR CST 110

ENG 112

CHM 111

Semester 3:

MTH 245

SOC 200

HUM/FA: (see advising sheet)

CHM 112

BIO 142

Semester 4:

HIS: HIS 101, HIS102, HIS 111, HIS 112, HIS 121, OR 122

PHI 220

CHM 241

ENG 200 course (see advising sheet)

CHM 242

WHAT IS MY FIRST STEP?

Apply to NOVA

Watch an Information Session

- **Mandatory for application**
- **Should answer most of your questions or help you to focus your questions when meeting with an academic advisor or counselor**
- <https://www.nvcc.edu/medical/infosessions/index.html>
- Provides a strategy for applying to program



THE SCIENCES

BIO 101 General Biology I

BIO 141-142 (Anatomy & Physiology I & II) and 150 (Intro Microbiology)

BIO 141-142 (Anatomy & Physiology I & II) and 205 (Microbiology)

Prerequisites to get into BIO 205

1 year of Chemistry

1 year of Biology

BIO 145 (PTA/DNA/CDC/EMS/OTA)

Must be taken within **ten years (except for DMS/OTA 5-years)** at the start of the program.

This rule does not apply for Nursing's high school requirements.



THINGS TO REMEMBER

Core Coursework: ENG 111, SDV 101, Sciences, BIO 101

Acceptable Science Sequence for Nursing and Dental Hygiene:

- BIO 141, BIO 142, and BIO 150
- BIO 141, BIO 142, and BIO 205 (two semesters of Chemistry required)
- BIO 231, BIO 232, and one of the Microbiology courses above

Some variations include:

PTA only requires BIO 145 and HLT 141

DMS requires extra courses, including MTH 161 or above

MDL: CHM 111

RAD: MTH 161

Major-specific intro courses: DMS, RAD, RTH

Nursing: PSY 230

HEALTH SCIENCES AND NURSING

NOVA | Northern Virginia
Community College
Medical Education Campus



<https://www.nvcc.edu/medical/index.html>

<https://www.nvcc.edu/academics/divisions/nursing/index.html>

<https://www.nvcc.edu/academics/divisions/health-sciences/index.html>

COMMON COURSES FOR NURSING TRANSFER

Anatomy & Physiology (BIO 141/142)

Microbiology (BIO 150 or BIO 205)

Statistics (usually MTH 245, sometimes MTH 154)

Ethics (usually Bio-medical, PHI 227)

Nutrition (DIT 121, may not be necessary for RN to BSN)

Developmental Psych (PSY 230, PSY 231 & PSY 232)

Sometimes CHM

**Please note this varies year to year. This
information was based on last year
acceptance.**

PROGRAM START

Health Sciences – **Fall** semester, EXCEPT for:

Phlebotomy (CSC Fall) and Spring
Clinical Data Coding (CDC) Spring

Nursing – **Fall and Spring** Semester



WHAT IF I HAVE CREDITS FROM ANOTHER COLLEGE

According to the Credit for Prior Learning Manual:CPL: Section 1-Credit from Postsecondary Institutions

<https://catalog.nvcc.edu/cpl-manual/credit-postsecondary-institutions/#text>

Students who have attended another accredited United States institution of higher education should request that an official transcript be submitted for evaluation. Credit will be awarded on a course-by course basis. In addition, students who have graduated with an associate, baccalaureate or higher degree from an accredited United States institution of higher education are considered to have fulfilled NOVA's SDV requirement.

Students will receive an email from the CRO once the transcript has been evaluated

View transfer credit

MY NOVA – Academic Advisement Report

Understanding transfer credits

Plan specific courses transferred

EEE Credits

MEDICAL EDUCATION CAMPUS LABS



Radiography
Lab



Dental
Lab



Nursing
Lab



Simulation
Lab

CONTACT INFORMATION

Students should be directed to email MECCounseling@nvcc.edu for answers to questions they may have about the MEC programs.

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QUESTIONS?



Health Sciences, A. S.

<https://www.nvcc.edu/academics/programs/health-sciences.html>

Health Science and Nursing Division

<https://www.nvcc.edu/academics/divisions/health-sciences/hs/index.html>

NOVA website about transfer: <https://www.nvcc.edu/transfer/>