

The Northern Virginia Community College DMS Program Faculty and staff want our Clinical Affiliates to know that we are always available to you. We encourage your questions and concerns, and we will take time to address each and every one. Please do not hesitate to contact us.

THE DMS PROGRAM TEAM:

Judi Green BS, RDMS, RVT, RDCS, FASE

DMS Program Director
Medical Education Campus Room 235
Office (703) 822-6567
jugreen@nvcc.edu

David Lakhman BS, RVS

DMS Clinical Coordinator - Vascular
Medical Education Campus Room 237
Office: (703) 822-6502
dlakhman@nvcc.edu

Marsha Colburn, BA, RDMS, RVT

DMS Clinical Coordinator – Advanced Abdomen & OB/Gyn
Medical Education Campus Room 239G
Office: (703) 822-6567
mcolburn@nvcc.edu

Sameh Muhammad, BS, RDMS, RVT, RDCS

DMS Clinical Coordinator - Echocardiography
Medical Education Campus
smuhammad@nvcc.edu

Annette Fowler

DMS Administrative Assistant
Medical Education Campus Room 239
Office: (703) 822-6648
afowler@nvcc.edu

Prerequisites - 20 credits

Courses

ENG 111	College Composition I (3cr) or ENG 112, or 200-level ENG Literature course; B or better grade
SDV 101	Orientation to Healthcare (1cr) or SDV 100, SDV ABLÉ exam, or previous US deg; B or better grade
MTH 161	Precalculus I (3cr) or higher Math; B or better grade
BIO 141	Human Anatomy & Physiology I w/Lab (4cr); within 5 years and B or better grade
BIO 142	Human Anatomy & Physiology II w/Lab (4cr); within 5 years and B or better grade
PHY 100	Elements of Physics (4cr) or PHY 101, 201, 202, 241, or 242; within 5 years and B or better grade
DMS 100	Introduction to the Sonography Profession (1cr); B or better grade

TEAS Test: Score of 70 or higher on Math, English, Reading, and Science sections

DMS Core Curriculum

Abdominal-Extended & OB/GYN 52 credits	Vascular 48 credits	Adult Echocardiography 48 credits
Semester 1 – Fall (15cr)	Semester 1 – Fall (15cr)	Semester 1 – Fall (15cr)
DMS 190 Coordinated Internship (2cr)	DMS 190 Coordinated Internship (2cr)	DMS 190 Coordinated Internship (2cr)
DMS 206 Introduction to Sono (3cr)	DMS 206 Introduction to Sono (3cr)	DMS 206 Introduction to Sono (3cr)
DMS 207 Sectional Anatomy (2cr)	DMS 207 Sectional Anatomy (2cr)	DMS 207 Sectional Anatomy (2cr)
DMS 217 Sectional Anatomy Lab (1cr)	DMS 217 Sectional Anatomy Lab (1cr)	DMS 217 Sectional Anatomy Lab (1cr)
DMS 208 Ultrasound Physics I (2cr)	DMS 208 Ultrasound Physics I (2cr)	DMS 208 Ultrasound Physics I (2cr)
DMS 218 Ultrasound Physics I Lab (1cr)	DMS 218 Ultrasound Physics I Lab (1cr)	DMS 218 Ultrasound Physics I Lab (1cr)
HLT 141 Medical Terminology I (1cr)*	HLT 141 Medical Terminology I (1cr)*	HLT 141 Medical Terminology I (1cr)*
HLT 220 Concepts of Disease (3cr)	HLT 220 Concepts of Disease (3cr)	HLT 220 Concepts of Disease (3cr)
Semester 2 – Spring (13cr)	Semester 2 – Spring (13cr)	Semester 2 – Spring (13cr)
DMS 196 On-Site Sonography Training (3cr)	DMS 196 On-Site Sonography Training (3cr)	DMS 150 Echocardiography I w/Lab (4cr)
DMS 209 Ultrasound Physics II (2cr)	DMS 209 Ultrasound Physics II (2cr)	DMS 196 On-Site Sonography Training (3cr)
DMS 219 Ultrasound Physics II Lab (1cr)	DMS 219 Ultrasound Physics II Lab (1cr)	DMS 209 Ultrasound Physics II (2cr)
DMS 211 Abdominal Sonography w/Lab (4cr)	DMS 260 Vascular Sonography II w/Lab (4cr)	DMS 219 Ultrasound Physics II Lab (1cr)
DMS 212 Ob/Gyn Sonography w/Lab (3cr)	PSY 200 Principles of Psychology (3cr)**	PSY 200 Principles of Psychology (3cr)**
Semester 3 – Summer (12cr)	Semester 3 – Summer (8cr)	Semester 3 – Summer (8cr)
DMS 231 Clinical Education I (3cr)	DMS 160 Vascular Sonography I w/Lab (4cr)	DMS 231 Clinical Education I (3cr)
DMS 241 Advanced Abdominal w/Lab (3cr)	DMS 231 Clinical Education I (3cr)	DMS 250 Echocardiography II w/Lab (4cr)
DMS 242 Advanced Ob/Gyn w/Lab (3cr)	DMS 265 Vascular Case Study Review (1cr)	DMS 256 Echo Case Study Review (1cr)
Humanities elective (3cr)**		
Semester 4 – Fall (12cr)	Semester 4 – Fall (12cr)	Semester 4 – Fall (12cr)
DMS 222 Sonography Registry Review (2cr)	DMS 204 Intro to General Sono w/Lab (3cr)	DMS 223 Intro to Vascular Sono w/Lab (3cr)
DMS 223 Intro to Vascular Sono w/Lab (3cr)	DMS 232 Clinical Education II (4cr)	DMS 232 Clinical Education II (4cr)
DMS 232 Clinical Education II (4cr)	DMS 266 Vascular Registry Review (2cr)	DMS 255 Echo Registry Review (2cr)
PSY 200 Principles of Psychology (3cr)**	Humanities elective (3cr)**	Humanities elective (3cr)**
Total program: 72 credits	Total program: 68 credits	Total program: 68 credits

* May substitute HLT 143 or HIM 111 for 3 credits or score of 70 or higher on Medical Terminology ABLÉ exam

** Refer to General Education electives in current College Catalog for list of accepted humanities/fine arts catalog.nvcc.edu

*** May substitute any 3-credit Psychology course



Diagnostic Medical Sonography Program

Trajecsys www.Trajecsys.com

HOW TO REGISTER IN TRAJESYS TO GRADE STUDENT EXAMS

1. Log into Trajecsyst (Trajecsyst.com)
2. In the upper right corner, select "Registration" and complete
3. Remember your username and password
4. Contact us (dlakhman@nvcc.edu or jugreen@nvcc.edu) so that we can change your status to that which will allow you to grade students' exams and evaluations.

GRADING "PRACTICE COMPETENCIES"

1. Clinical instructor must sign in to Trajecsyst
2. On left side panel select "Comp Evals"
3. Select your student from the drop-down box
4. Under Type, click chevron and select "Practice competency"
5. Under Major Study, Select Category
6. Under Procedure, select sub category (ie: Complete Liver)
7. Select next
8. Complete the competency form
9. Comments (these are encouraged) can be placed in the box to the right
10. When finished be sure to select the submit box in the bottom right corner

GRADING “GRADED COMPETENCIES”

1. Clinical instructor must sign in to Trajecsys
2. On left side panel select “Comp Evals”
3. Select your student from the drop-down box
4. Under Type, click chevron and select “Graded competency”
5. Under Major Study, Select Category
6. Under Procedure, select sub category (ABD exams are always complete)
7. Select next
8. Complete the competency form
9. Comments (these are encouraged) can be placed in the box to the right
10. When finished be sure to select the submit box in the bottom right corner

Mid-Term Evaluation Form

1. Choose “Other Evaluations” from the left-hand categories
 2. Select “Clinical Instructor Evaluation of the Student-Midterm”
 3. Complete the form and select Submit to send
- *Please review forms, comps and evaluations with the student.

End-of-Term Evaluation Form

1. Choose “Other Evaluations” from the left-hand categories
 2. Select “Ethics and Attitude Evaluation-End of Term Evaluation”
 3. Complete the form and select Submit to send
- *Please review forms, comps and evaluations with the student.

Approving Time Records

1. Log into Trajecsys
2. From the left-hand column select “Approve Time Records”
3. Check to ensure that student has logged in and out from your facility accurately
4. Select approve records
5. If there is a concern or discrepancy, feel free to reach out to the NVCC clinical coordinator directly.

Reports Tab

1. In the left-hand column select “Reports”
2. Select “Completed Comp Exams”
3. Here is where the list of completed competencies for the semester will be listed.