



TIDEWATER COMMUNITY COLLEGE

From here, go anywhere.™

VIRGINIA BEACH CAMPUS

Dear Applicant:

Thank you for your interest in the Diagnostic Medical Sonography Program.

This information packet includes information about the Diagnostic Medical Sonography Program. The application deadline to the program is **May 15**. The program begins in the fall semester of each year. You will be contacted shortly after the deadline date concerning your application. Depending upon the number of applications, only selected applicants, based on their academic record, may be considered for the program. The Diagnostic Medical Sonography program requires an application to both Tidewater Community College and to the Health Professions Division. Both forms are available online. The website for the TCC application is: [www.tcc.edu/students/admissions/pdfs/application.pdf](http://www.tcc.edu/students/admissions/pdfs/application.pdf). The Health Professions Program application is online at: [www.tcc.edu/academics/divisions/healthprofessions/application.pdf](http://www.tcc.edu/academics/divisions/healthprofessions/application.pdf).

Information about Tidewater Community College's computer competency requirements can be viewed online at: [www.tcc.edu/students/graduates/pdfs/compcomp.pdf](http://www.tcc.edu/students/graduates/pdfs/compcomp.pdf) or picked up in the Admissions Center. Information on grants, loans, and scholarships is available from the Financial Aid Office and can be reached by calling (757) 822-7292.

Send your completed Health Professions Program application to Gloria Singleton at the Domicile and Records Office in the Princess Anne Building, Room A100-A, 1700 College Crescent, Virginia Beach, VA 23453. To check on the status of your application folder please call Ms. Singleton at (757) 822-7340. Please take the time to verify receipt of your application and transcripts. **Due to the number of applicants, only students with *completed* applications will be considered for the program.**

Positions in this program are very limited, so program faculty is not able to interview or accept all applicants who meet the basic admissions requirements. Applicants will be ranked according to the health professions admissions ranking scale. Admissions decisions will be made based on the applicant's ranking, which considers area of residence and academic record. Students will accumulate points during the admissions process based on residency, previous formal allied health education, and all non-sonography classes that have already been completed. Please refer to the ranking scale found in this packet. All applicants must be eligible to enroll in ENG 111, MTH 126 and BIO 141 in order to be considered for entrance into the program. It is strongly recommended that applicants apply early, and make sure all transcripts are received before the May 15 deadline.

To improve your chances of being accepted, I strongly suggest you complete as many of the general education courses in the DMS curriculum as possible. Courses that can be completed prior to the start of the program and will earn applicants points in the application process include: BIO 141 - Human Anatomy and Physiology I, MTH 126 - Mathematics for Allied Health (or higher), PHY 100 - Elements of Physics (or higher college physics), English 111 - College Composition, two Social Science electives, a Humanities elective, HLT 143 - Medical Terminology, SDV 101 - Orientation to Health Care, and ITE 115 - Basic Computer Literacy or a demonstration of computer competence. PHI 226 - Social Ethics is recommended as an humanities elective.

CHESAPEAKE

NORFOLK

PORTSMOUTH

SUFFOLK

VIRGINIA BEACH

1700 College Crescent

Virginia Beach

Virginia

23453

• Telephone: 757-822-7100

• [www.tcc.edu](http://www.tcc.edu)

It is also recommended that some formal medical education has been completed. This is a very good way to obtain patient care skills and be sure that a hands-on health care field is really what you want from a career choice. Applicants with no medical background should consider taking a Nurse Aide (CNA) course in order to earn points in this category (see number 7 under Application Procedures, page 6).

The Diagnostic Medical Sonography Program holds an informational session Open House on the **third** Thursday of each month (except December) in room E-122 of the Lynnhaven Building, Virginia Beach Campus from 4:00 p.m. to 5:00 p.m. Bring your questions and/or concerns, you don't need an appointment.

**PLEASE NOTE:**

Information in this packet is subject to change. Students should check periodically to see if materials have been updated. Program information can be found on-line at: <http://www.tcc.edu/healthprofessions>.

Prospective students are hereby notified that certain medical facilities require both criminal/sex offender background checks as well as drug screens prior to being authorized to attend clinicals. The cost of the background check is the responsibility of the student. Students with a felony background may not be eligible to sit for sonography credentialing examinations, and will be required to complete a pre-screening prior to acceptance into the program. The cost associated with this procedure is the responsibility of the applicant. All accepted students must complete this background check or they will be replaced with an alternate student.

Sincerely,



Felicia M. Toreno, PhD, MEd, RDMS, RVT  
Program Director, Diagnostic Medical Sonography Program  
<http://www.tcc.edu/healthprofessions>  
[ftoreno@tcc.edu](mailto:ftoreno@tcc.edu)

DMSpkt9/09st

Tidewater Community College maintains and promotes equal opportunity without regard to ethnicity, color, gender, age (except where gender or age is a bona fide occupational qualification), religion, handicap, national origin, or other non-merit factors. Disclosure of social security number, age, gender, and ethnicity is optional.

## DIAGNOSTIC MEDICAL SONOGRAPHY (ULTRASOUND)

Award: Associate in Applied Science in Diagnostic Medical Sonography

Length: Five semesters (21 months)

Purpose: To educate qualified applicants to use ultrasound equipment to produce diagnostic images of selected body organs (abdominal, small body parts, gynecological, obstetrics and vascular).

Occupational Objectives: To educate diagnostic medical sonographers for employment in hospitals, outpatient diagnostic imaging centers, and private physicians' offices.

Program Description: Ultrasound is an imaging modality used to diagnose medical pathologies. It uses high frequency sound waves to produce an image on a video monitor. This two-dimensional gray scale image is produced when sound waves are reflected back toward the transducer from body tissues. The curriculum provides knowledge required to use ultrasound equipment, identify cross-sectional anatomical parts, and identify various pathologies. Students are provided clinical education experience in several area hospitals and other approved sites to perfect their skills in ultrasound scanning

Admission Requirements: All accepted students will be required to complete the first semester of general education courses successfully *prior* to the start of sonography coursework. Any student not successfully completing general education coursework will be replaced with an alternate candidate who has completed all general education coursework.

Students must complete a Diagnostic Medical Sonography Program application and submit it by **May 15** to the Domicile Health Professions and Records, TCC-Virginia Beach Campus, in the Princess Anne Building, Room A100-A, as well as the general admissions application to the College. Students may be admitted to the program at a later date if vacancies are available. All official transcripts (if applicable) must be on file at the Central Records Office, Tidewater Community College, PO Box 9000, Norfolk, Virginia 23509 to be considered for the program. You may apply on-line or print out the form and send your completed Request for Evaluation of Previous Higher Educational Experiences form to College Central Records Office, Tidewater Community, PO Box 9000, Norfolk, VA 23509. The website address is: <https://www.tcc.edu/secure/forms/evaluationrequest.php>. Applicants are required to complete an assigned essay and have a personal interview with the program representative(s).

Students who have been accepted into the program must submit documentation of a medical examination prior to entering the program. Students who receive a final grade lower than a "C" in any DMS course must obtain permission from the program director to continue in the program. Selected learning experiences will be provided by cooperating area hospitals and facilities. Students are expected to provide transportation to such facilities. Purchase of items, such as uniforms and accessories, are the financial responsibility of the individual.

Special Accreditation Status: The program is accredited by CAAHEP in collaboration with the Joint Review Committee for Diagnostic Medical Sonography. This means that you are able to sit for the National Ultrasound Registry Boards immediately following completion of this program.



**TIDEWATER COMMUNITY COLLEGE**  
From here, go anywhere.™

**DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM**  
***PRE-ENTRANCE CHECK LIST***

**Please complete this checklist *PRIOR* to applying to the DMS Program.**

**These items are the MINIMAL requirements to proceed in the application process:**

- | <b>Yes</b> | <b>No</b> | <b>(Please check)</b>   |
|------------|-----------|---|
| ___        | ___       | Residency; are you a Virginia resident?   |
| ___        | ___       | Do you have an A or B in Anatomy & Physiology (BIO 141 or equivalent) that is no more than five (5) years old?                |
| ___        | ___       | Have you completed HLT 143 - Medical Terminology?   |
| ___        | ___       | Have you taken and completed any required developmental coursework for English and Math?                                      |
| ___        | ___       | Have you completed some formal, accredited hands-on patient medical education program, such as a nurse aide training program? |
| ___        | ___       | Do you have an overall GPA of 3.0 or higher?  |
| ___        | ___       | Have you been to an open house session?   |

**These items are additional courses that can earn more points in the application process:**

- | <b>Have</b> | <b>Taking</b> | <b>(please check)</b>  |
|-------------|---------------|--|
| ___         | ___           | ENG 111 – College Composition I  |
| ___         | ___           | HLT 105 – CPR for the Healthcare Provider  |
| ___         | ___           | ITE 115 – Introduction to Computer Applications and Concepts or take a competency test.    |
| ___         | ___           | MTH 126 – Mathematics for Allied Health or higher.   |
| ___         | ___           | PHY 100 – Elements of Physics or higher (Radiographic Physics will meet this requirement). |
| ___         | ___           | SDV 101 – Orientation to Health Care   |
| ___         | ___           | Social Science electives – Two (2).  |
| ___         | ___           | Humanities elective (PHI 226 – Social Ethics is recommended).                              |

DMS pre-entrance Checklist 8/09st

# TIDEWATER COMMUNITY COLLEGE

## Diagnostic Medical Sonography Program

### Application Procedure

The following steps must be completed by **May 15**:

- \_\_\_ 1. Complete a TCC college application for admission, *and* a Health Professions Program application indicating that Diagnostic Medical Sonography is your curriculum choice. Return the application to the Domicile Health Professions and Records Office in the Princess Anne Building Room A100-A, TCC-Virginia Beach Campus. If you already have submitted this application, omit this step.
- \_\_\_ 2. Take the English and math placement tests at the College as soon as possible. Consult the Counseling Office (757-822-7212) to determine your need to take these placement tests and for dates the tests will be given. All developmental work indicated by the Placement Tests must be completed satisfactorily prior to the beginning of the program. All students accepted into the program **MUST** place into ENG 111. **No students will be offered interviews unless developmental work has been completed and students are able to take MTH 126 and ENG 111 during the fall semester.**
- \_\_\_ 3. Contact the Diagnostic Medical Sonography Program Director, Felicia Toreno, PhD, if you have questions not answered in this packet about the application process, program, or career. The director's office is in the Lynnhaven Building, Room E-125; the telephone number is (757) 822-7271.
- \_\_\_ 4. Have all official transcripts of previous college records or higher educational experience sent directly to Central Records Office, Tidewater Community College, PO Box 9000, Norfolk, Virginia 23509. The "Request for Evaluation of Previous Higher Education Experience" form can be found at [www.tcc.edu/secure/forms/evaluationrequest.php](http://www.tcc.edu/secure/forms/evaluationrequest.php) completed on-line or mailed to the Central Records Office.
- \_\_\_ 5. **Submit an unofficial transcript along with the Health Professions application.** Transcripts often delay the evaluation of applications, and this will help ensure you receive "points" for all classes completed by the application deadline.
- \_\_\_ 6. Students will be admitted to the program on a "point" system. The following courses may be completed prior to the start of the program and will earn applicants points during the application process:

<b>Subject</b>	<b>Points/A</b>	<b>Points/B</b>	<b>Points/C</b>
BIO 141 - Human Anatomy & Physiology I	30	15	10
College math (MTH 126 or higher)	25	15	10
PHY 100 - Elements of Physics (or higher physics)	25	15	10

All remaining courses earn the following:

<b>Subject</b>	<b>Points/A</b>	<b>Points/B</b>	<b>Points/C</b>
English 111 - College Composition I	5	3	1
Two (2) Social Science electives	5	3	1
A Humanities elective (Recommend PHI 226 Social Ethics)	5	3	1
HLT 143 - Medical Terminology	5	3	1
SDV 101 - Orientation to Health Care	5	3	1
ITE 115 - Basic Computer Literacy (or documentation of computer competence)	5	3	1

\_\_\_ 7. Students will earn points for medical background. Formal education will earn the following points:

- 30 points - Radiography senior students or registered radiographers
- 25 points - Other two-year health programs
- 15 points - One-year programs
- 10 points - CNA programs and licensure – Applicants with no medical background should consider taking a nurse aide (CNA) course in order to earn some points in this category. This is also a very good way to obtain patient care skills and be sure that a hands-on health care field is really what you want for a career choice.
- 3 points - Work only

\_\_\_ 8. It is the responsibility of the applicant to ensure that the domicile office receives all documentation, including the application and transcripts by the application deadline of **May 15**.

#### NOTES:

- Applicants to all health professions programs must be categorized in priority jurisdictions by the program application deadline date. State applicants will be considered prior to out-of-state applicants.
- One semester of English, two social science electives, and one humanities elective will be required of all students. The Admissions Committee will invite selected applicants to come in for a personal interview.
- Students will be required to complete an essay as part of the application process. Details will be sent to those students invited to interview for the program.
- Applicants will be notified of the committee's decisions by mail as soon as possible after all applicants have been interviewed.
- Fifteen students will be accepted each year. The fall semester includes prerequisite and general education courses. The Sonography program designated classes will begin with the spring semester (semester two).
- Applicants who are accepted will be required to submit evidence of a complete physical examination and a criminal background/sex offender check before the beginning of the fall semester. No students with a felony background will be admitted into the program.
- No visible tattoos, facial piercing or gaugings (earlobe piercing enlargements) are allowed.
- The program maintains an absence and attendance policy stricter than the College policy.
- The program demands a high level of critical thinking skills.
- The program requires a high volume of reading for homework assignments.

Name: \_\_\_\_\_ Date Entered TCC: \_\_\_\_\_

SIS ID \_\_\_\_\_ Counselor: \_\_\_\_\_

**Diagnostic Medical Sonography (109)**  
 Associate of Applied Science Degree: Diagnostic Medical Sonography

**SEMESTER 1 FALL**

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
BIO 100 or CHM 1	BIO 141	Human Anatomy and Physiology I <sup>1</sup>	4	_____	( )
_____	HLT 105	Cardiopulmonary Resuscitation	1	_____	( )
_____	HLT 143	Medical Terminology I	3	_____	( )
Pre-test	MTH 126	Mathematics for Allied Health <sup>1</sup>	3	_____	( )
_____	PHY 100	Elements of Physics	4	_____	( )
_____	SDV 101	Orientation to Health Care	<u>1</u>	_____	( )
<b>Semester total</b>			<b>16</b>		

**SEMESTER 2 SPRING**

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
Instructor Permission	DMS 206	Introduction to Sonography	2	_____	( )
Instructor Permission	DMS 207	Sectional Anatomy	2	_____	( )
Instructor Permission	DMS 208	Ultrasound Physics and Instrumentation I	3	_____	( )
Instructor Permission	DMS 211	Ultrasound Imaging I	4	_____	( )
Instructor Permission	DMS 231	Clinical Education I	2	_____	( )
Placement	ENG 111	College Composition I <sup>1</sup>	<u>3</u>	_____	( )
<b>Semester Total</b>			<b>16</b>		

**SEMESTER 3 SUMMER**

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
DMS or Instructor Permission	DMS 209	Ultrasound Physics And Instrumentation II	3	_____	( )
Instructor Permission	DMS 221	Ultrasound Seminar I	3	_____	( )
DMS 231 or Instructor Permission	DMS 232	Clinical Education II	<u>4</u>	_____	( )
<b>Semester Total</b>			<b>10</b>		

## SEMESTER 4 FALL

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
DMS 211 or Instructor Permission	DMS 212	Ultrasound Imaging II	4	_____	( )
DMS 211 or Instructor Permission	DMS 223	Introduction to Vascular Ultrasound	3	_____	( )
DMS 232 or Instructor Permission	DMS 233	Clinical Education III	5	_____	( )
_____	_____	Humanities Elective <sup>2</sup>	<u>3</u>	_____	( )
<b>Semester Total</b>			<b>15</b>		

## SEMESTER 4 SPRING

Prerequisite	Course No	Course Title	Credits	When Taken	Grade
Instructor Permission	DMS 222	Ultrasound Seminar II	3	_____	( )
DMS 233 or Instructor Permission	DMS 234	Clinical Education IV	6	_____	( )
_____	_____	Social Science Elective <sup>2</sup>	3	_____	( )
_____	_____	Social Science Elective <sup>2</sup>	<u>3</u>	_____	( )
<b>Semester Total</b>			<b>15</b>		
<b>Total Minimum Credits</b>			<b>72</b>		

<sup>1</sup> Placement test or prerequisite required.

<sup>2</sup> Eligible courses are listed on page 34 in the 200-20109 catalog or on-line at [www.tcc.edu/academics/programs/elective.htm](http://www.tcc.edu/academics/programs/elective.htm). See your academic advisor or counselor to choose the appropriate course(s).

### PREREQUISITES:

Students will be required to successfully complete the general education courses listed in semester one prior to taking ANY sonography classes. If a student does not successfully complete the fall semester they will be replaced with an alternate candidate who has already completed the general education coursework.

### NOTES:

- \* Program requirements may change in accordance with federal, state, or industry standards. Call 822-7257 or visit the program website at: [www.tcc.edu/healthprofessions](http://www.tcc.edu/healthprofessions) for the most current information.
- \* In order to graduate with the Associate in Applied Science degree, you must meet the college's computer competency requirement see page 25 of the 2009-2010 catalog, or consult your academic advisor or counselor to determine how to satisfy this requirement.

*Tidewater Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the associate degree.*