

CAREER OPPORTUNITIES IN HEALTH CARE AT VWCC

RADIATION ONCOLOGY

Associate in Applied Science

Joint Venture with Northern Virginia Community College

2025

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Fralin Center for Science and Health Professions at VWCC

Deadline March 15 for Fall Program

(Notes below)

Virginia Western Community College has an Associate in Applied Science Degree in Radiation Oncology.

Pam Woody & Jasmine Terry process academic files for students applying to Dental Hygiene, Nursing, Radiography and Radiation Oncology, Practical Nursing, Medical Lab. Technician, Physical Therapist Assistant, Surgical Technology, and OTA (pending approval, coming Fall 25). Phlebotomy is now self-registered as well as EMS. All academic files to one of these Health Professions programs will be processed in the Health Professions Advising and Applications Office at Virginia Western Community College. Our office is located in the Fralin Center for Science and Health Professions which is on the Virginia Western Community College campus in Roanoke, Virginia. The room number is 339 and Pam Woody is typically in the office from Monday through Friday from 8:00-3:30 and Jasmine Terry is typically in the office Monday through Thursday from 11:00-2:00.

The Radiation Oncology Program is a five-semester program, and we accept one time a year and classes will begin in the Fall of each year which is usually in the mid to later part of August.

Let me begin by saying we do not have a waiting list for this program. We go through an acceptance process each year to consider all applicants that have made

application---in this instance from May after March deadline through the application deadline of March 15 the following year.

This presentation will discuss the Admissions Criteria and Process, the prerequisites for the program, the Radiation Oncology Curriculum, a typical schedule for the first semester, if accepted, estimated cost of the program and some Admissions Statistics.

Let me mention the Joint Venture Site of Northern Virginia at the Medical Education Campus. We accept at NVCC and VWCC each Fall and the application process is the same for each site. All application materials come to the Health Profession Information Office at VWCC.

If you are inquiring about the profession or classes (not the application process) you may contact the Program Director, Ms. Conner at 540-857-6104.

For information regarding the application process and verification of complete academic file, prior to receiving the advising letter, you may contact Ms. Yolanda Brown and for assistance. If you have questions regarding career choices and course selections, you may contact Ms. Rhonda Perdue or healthprofessions@viriniawestern.edu.

PROFESSIONAL EDUCATION

- Academically Challenging
- Science and Math orientation
- Classroom and Clinical components
- Skills application
- Clients as partners in health/wellness

The Radiation Oncology program is academically challenging in regards to it is a very intense program.

It does have a strong math and science orientation as studies have shown if students are successful in Math and Science, they should be successful in a Health Technology program. That is one reason we have the math and science prerequisites for our program and that science and math is the basis for our courses.

The program does consist of classroom and clinical components. At VWCC, we have an on-campus lab with a linear accelerator to help facilitate learning and students also go into the clinical sites. Some of the clinical sites we use include the Carilion Cancer Center, Lewis-Gale, Pulaski, Allan B. Pearson in Lynchburg, and Hospital in Martinsville. Some of the local sites are used for the Joint Venture Site at NOVA which can include Fairfax, Gainesville, Winchester, Loudoun, Reston, Potomac, and Alexandria and the new clinical site for either program is Harrisonburg.

RADIATION ONCOLOGY ADMISSION CRITERIA

Required:

- High School Diploma/GED
- One lab science (Biology, Chemistry, Physics-recommended) at “C” level or above-completed by end the end of **Spring prior to fall admission** (Lab science courses must contain lab component as part of course) - completed by end of **Spring prior to fall admission. Note: BIO 141 cannot be used for both the prerequisite for lab science and the BIO 141 prerequisite.**

For high school grades for prerequisites—if grades are on semester and one semester you make a “B” and the second semester you make a “D”—you will need to repeat this course at VWCC or another Community College. Both semester grades need to be a “C” or above unless number averages are included.

One lab science—HS Biology and College Biology is acceptable---Physics and be beneficial with the Physics included in the program. Please note that at VWCC, a recent Biology, BIO 101 (passed with grade of “c” or higher) or NAS 2 (passed with grade of “s”) (within the last three years) is required prior to enrolling in BIO 141 at VWCC. (A challenge exam is available, and more details are on the next slide.)

RADIATION ONCOLOGY ADMISSION CRITERIA

- College level **BIO 141** (Anatomy and Physiology I, **MTH 161-Pre-Calculus**, **HLT141-Introduction to Medical Terminology**, and two credit **SDV 101-Orientation to Health Professions**-completed by end of **Spring prior to fall admission**
- High School/College GPA 2.5 or above by end of **Fall prior to spring deadline**. (If using college GPA must have at least 12 credit hours of college credit in 12 month time-frame to use GPA.)

BIO 141-completed within five years of beginning the program. Pre-requisites at VWCC include a recent Biology, BIO 101 within the last three years with a final grade of “C” or higher or completion of NAS 2 within the last three years (this is a course that helps prepare you for BIO 141) or you may complete the challenge exam to try and place into BIO 141. The challenge exam scores are good for three years as well. The test is completed at the Testing Center and the score is delivered to your school email account within a week. Must complete the challenge at 75% or higher to be allowed to enroll in BIO 141. You must also be ready for ENG 111.

MTH 161-pre-requisites include: if graduated within the last five years from High School, if the HS GPA is below 2.0, then you will need to begin with MDE 10 and progress to MDE 60 and then progress to MDE 61 + MTH 161. If your HS GPA is 2.0+ and you did not complete Algebra II in High School, you will begin your math at MDE 60 and then progress to MTH 161 + MDE 61. If your HS GPA is 2.0-2.99 with Algebra II, then you will begin with MDE 61 + MTH 161 and finally, if your HS GPA is 3.0+ and you completed Algebra II, then you can begin with MTH 161. If you graduated from High School over 6 years, you can direct enroll into any math course. Keep in mind that you should work with a New Student Advisor to determine your readiness for MTH 161 without any refresher math courses. MTH 161 must be completed within the last five years of beginning of the program. New Student Advising can assist you in determining the math sequence required to enroll in MTH 161 at VWCC.

HLT 141-Medical Terminology -one credit. (HLT 143-Medical Terminology I can substitute for the one credit HLT 141, provided the final grade for HTL 143 is a “c” or higher.)

SDV 101-two credits—Orientation to Health Professions, which is designated with a “P” on the course listing. Please note that if you have obtained a Bachelor’s Degree (in the United States or provided documentation from an organization that indicates the equivalent of such in your country), we can waive the two credits of SDV 101 and award the two credits of SDV based on completion of the Bachelor’s Degree (or Associate Degree).

GPA is calculated at end of Fall because the Admissions Committee meets prior to the end of Spring semester. College GPA must be based on at least 12 credit hours of college credit in 12-month timeframe.

We look at academic history from HS to most recent---emphasis is placed on the most recent academic accomplishments.

RADIATION ONCOLOGY ADMISSION PROCEDURE-con't

- Apply to VWCC by completing VWCC application on-line and submit to VWCC and indicate your program of study as Career Studies Certificate (CSC): Introduction to Radiation Oncology on the Admission Application.
- Apply to Joint Venture site (NVCC) by completing NoVA's college application and submitting to their Admissions Office. Joint Venture applicants must also complete application for VWCC.

Complete the VWCC application and indicate you are interested in CSC: Introduction to Radiation Oncology. This helps us “track” the students. This also allows for the Admissions Office to “match” transcripts that may arrive at the Admissions Office with your academic file. Joint Venture applicants also must apply to VWCC and this needs to be the first step in the application process.

RADIATION ONCOLOGY ADMISSION PROCEDURE-con't

Apply to Radiation Oncology Program-
complete the on-line application at this link:

<https://federation.ngwebsolutions.com/sp/startSSO.ping?PartnerIdpId=https://identity.my.vccs.edu/idp&TargetResource=https%3a%2f%2fdynamicforms.ngwebsolutions.com%2fSubmit%2fStart%2f0c158c44-36d2-4b46-ab21-5b1ba173009a>

Or use the link in the “Apply Now” link on the
ROC program website.

-Submit copy of professional licensure or
certification, if applicable, when completing
the on-line application

Complete the Radiation Oncology application on-line application at VWCC.

After going to the link, a Dynamic Forms account will have to be created before filling out the application. This is done by selecting “Create New Account” in the bottom left corner of the sign

Please be prepared to submit documentation of any healthcare certification or licensure when you submit the application. However, you can save a draft of the application to return to at a later time and upload the healthcare certification/licensure and submit the application. To access an application that was saved and return to the in-progress application, you will need use a different link.

Then, once you have logged in with the account information that was created in the previous step, you will need to go to “My Forms” (upper right of screen) then “Pending / Draft Forms” (under the drop down to “My Forms”) to see the saved form. Then you will need to select “Action” (to right of the application you want to continue) and “Complete Form”. Once you have completed the application and all the required fields, you can then **submit** the application. We encourage you to submit the application as early as possible so that we can begin the initial process for our Radiation Oncology program. Our office is unable to access a “saved” application as we only have access to the application once you submit the application. All communication regarding the process letter that verifies prerequisite

courses completed, support classes completed, and GPA will be to your email account associated with your SIS platform. In the spring semester, the letter informing qualified applicants of the interview process and finally status letters for fall, will be sent to your email account associated with Navigate. Please be aware of this email account and also turn on your notifications in Navigate.

Part of the application process also includes for you to submit a copy of your health care license or certification (if applicable). Applicants who are RTs must be certified by a nationally recognized Radiologic Science credentialing agency. Other health care providers who are graduates of programs recognized by national accrediting agencies and other individuals meeting admissions criteria will also be considered for admissions. You should be ready to submit a copy of your healthcare licensure when you begin the on-line application.

RADIATION ONCOLOGY ADMISSION PROCEDURE

- Submit official transcripts from HS/GED and all colleges attempted to Health Professions Information Office needs to arrive in one envelope. (Exception: VCCS transcripts are not required, we can access information on system.) Mail official transcripts to VWCC, Attn: Pam Woody, 3091 Colonial Ave. SW, Roanoke, VA 24015.
- Advising letter that you will access via Dynamic Forms usually within three five weeks of completed academic file (except during registration periods and time frame preceding a HP program deadlines).
- Meet with one of the Health Professions team members to discuss concerns or questions after receipt of advising letter, if questions.

It is YOUR responsibility to request and determine if your file is complete by the deadline—We need OFFICIAL transcripts from ALL colleges attended/attempted (except other Virginia Community Colleges)—we also need HS—even if have advanced degree and we'll need HS if attended thru 9th grade and completed GED— all items must arrive by the application deadline of **March 15**.

It is important that the information is addressed to the Health Professions Information Office (not the Admissions Office as this delays the process) **ACADEMIC-transcripts only**—You may use the address of VWCC, Attn. Pam Woody, 3091 Colonial Ave SW, Roanoke, VA 24015

When we send informational letters to you, you will be notified of activity in your Dynamic Form Radiation Oncology Application via email. You will then need to enter your username and password to reenter the Dynamic Form platform to view the letter. It is important to sign and submit this letter so that admissions can continue with the application process. Please remember that to see the process letter again, or any form that you submit, you will need to plan to print the letter after your review. There is a reminder on the process letter informing you of the need to print the completed advising letter.

Once evaluated, applicants are sent an “advising letter” informing you about prerequisites and career support classes. **VERY IMPORTANT—IF YOU HAVE NOT RECEIVED THIS LETTER-YOU WILL NOT BE CONSIDERED**—usually there is a three-six week turn around time from receipt of complete academic file to process your file and complete the Advising letter. Please be aware that during high volume times such as registration and deadlines will delay the processing of your file as well as during May to July when new student orientations are occurring during that time period. Deadlines range from Feb-April for all HT programs, and you can expect delays then as well.

Deadline is March 15—no exceptions!

It is in your best interest to **apply early** so we can advise course selection for Spring semester and etc. Even if you lack some of the prerequisites, we update your record in January to reflect courses completed in Fall and your cumulative GPA at the end of Fall and which courses you are enrolled in for Spring ---If you apply from May after March 1 deadline through December prior to spring deadline and you are currently enrolled in a non-Virginia Community College—you will need to provide us updated transcripts reflecting your final grades in the Fall semester—this updated transcript must arrive by March 15.

For those ineligible to continue in the process you will receive a letter in late March that will indicate why you are ineligible. Reasons may include missing items like updated college transcripts, or missing pre-requisites, or cumulative GPA is below the 2.5 or missing letters of recommendation.

ROC ADMISSION PROCEDURES (con't)

- Submit two professional letters of recommendation from employers or professors

The next step in the process will be for you to include two professional letters of recommendation. These can be from employers or professors, and they can come directly to the Health Professions Advising and Applications Office. If you would like, you may have the letters mailed to you and do not open them and forward them to the HPAAO. Then you will know that you have submitted both letters prior to the application deadline. If the person writing your letter, wishes to email the recommendation letter on your behalf, please use one of the following email addresses: pwoody@viriniawestern.edu or healthprofessions@viriniawestern.edu.

ROC ADMISSION PROCEDURES (con't)

- DEADLINE FOR SUBMISSION OF MATERIAL IS **MARCH 15**

In Spring:

- Interview with Program Director and Faculty Members

The application deadline of all applicant materials is **March 15** prior to fall admission.

During the Spring semester, we will also begin to schedule interviews with the Program Director and faculty members. This typically occurs in April and applicants are notified in mid to late May of their status regarding their fall program.

During the interview, the faculty are trying to determine if you have the people skills and temperament that is required to work with oncology patients. They also want to make sure that you understand what your duties will involve and if you have a good understanding of the profession. Your interview letter, if qualified, will be sent with a notice from Dynamic Forms to your email account. In addition, come to the interview prepared to answer a writing prompt.

RADIATION ONCOLOGY STUDENT RESPONSIBILITIES DURING APPLICATION PROCESS

- Notify Health Careers Advisor for Health Professions any changes in addresses, names, and phone number after application. This must be done in writing in a note that includes Student ID if known (healthprofessions@viriniawestern.edu).
- Review the Essential Functions of the Radiation Oncology available from the Radiation Oncology Faculty and on the Radiation Oncology website
- Contact the ARRT American Registry of Radiologic Technologist if you have a felony or misdemeanor conviction as you may be ineligible to take the licensing examination.

Anytime you move or change your name during the application process, you need to inform the Health Professions Advising and Applications Office. We use a separate database than the college and if you inform Admissions, we will not know of the changes and we need to maintain contact with you in regard to the next step in the application process. We will need changes in writing with an identification number such as your student id and if your name changes, we will also need a copy of your marriage license or your driver's license that reflects the name change. Please submit changes to healthprofessions@viriniawestern.edu

You need to review the Essential Functions which are available from the Program Director or located on the Radiation Oncology website to make sure that you are able to perform these functions or if we can make reasonable accommodations for any disability.

If you have been convicted of a Felony or misdemeanor, you need to contact the number for the American Registry of Radiologic Technologist as you may be ineligible to set for the registry. In addition, you may not pass the background & urine drug screening that is required of all HP students in relation to our contract with our clinical sites. If you do not receive a clear criminal background check or negative drug screening the clinical sites may not allow you to go for clinical and therefore, you will be unable to fulfill your clinical requirements

RADIATION ONCOLOGY STUDENT RESPONSIBILITIES-if accepted

- Attend Radiation Oncology Orientation which could be first day of Fall semester
- Admission contingent upon receipt of satisfactory medical examination, CPR certification, clear criminal background check and negative drug screening
- Maintain a “C” average in “ROC” courses and support (non ROC prefix) courses (All classes within the AAS Radiation Oncology.)
- Computer access to Internet service for classes.

Your Admission is contingent upon satisfactory receipt of medical examination, the required CPR certification, clear criminal background check and negative urine drug screening. The forms and the amounts of the above and other cost associated with the beginning of the program will be mailed in the orientation packet that is mailed once we have selected our class and they have accepted their positions, which is usually June. CPR is generally provided by VWCC—need to wait to obtain CPR as a specific type is required—you will be notified in your orientation packet the type that is required and the offerings that VWCC will be having during the summer prior to the beginning of the Fall semester. In addition, information will be given with the orientation package on steps to complete the necessary medical information and background information and etc.

In addition, your responsibilities include maintaining at least a “C” average in all of your Oncology courses as well as support classes such as PHI 220, ENG 111 etc.

Students must also have access to the Internet to be able to have classes delivered to their home computer.

RADIATION ONCOLOGY STUDENT RESPONSIBILITIES-if accepted

- Be prepared to attend classes/clinical on day or evening
- Purchase lab supplies, uniforms, and accessories as directed
- Provide transportation to and from agencies
- Access computer internet service

Clinical times are usually 8:00-4:30 on Tuesday and Thursday during the second semester.

Monday and Friday 8:00-4:30 during the third semester, M,W and F 8:00-4:30 for the 4th and 5th semesters. Classes meet on non-clinical days. Some classes are delivered to your computer at home. These times are tentative and could change every fall.

Your orientation packet will include information regarding the supplies, uniforms, and monies that are required to begin the program.

Of course, providing transportation to and from the college or our clinical sites are your responsibility.

Clinical locations rotate every month.

CREDENTIALS FOR PRACTICE AS A REGISTERED RADIATION THERAPIST (RT-T)

- Graduate of an accredited program (VWCC's Radiation Oncology program is accredited by Joint Review Committee on Education in Radiologic Technology.)
- Successful completion of the National Registry Examination
- Many states require separate state licensure
- Completion of 24 hours of continuing education over a two year period.

PRE-PREREQUISITE COURSES-ROC

EDE 10 or EDE 11 If you are a recent High School graduate (within the last five years) here are the guidelines for placement into ENG 111.

HS GPA < 2.0 EDE 10

HS GPA 2.0 2.99 EDE 11 + ENG 111

HS GPA 3.0+ ENG 111

If you have graduated over six years from High School, then Informed self placement will place you in the recommended ENG or EDE courses.

Depending on your academic history it may be necessary for you to take certain English preparatory courses.

Readiness for ENG 111 is required before BIO 101/NAS 2, PSY 200 and other courses requiring writing and reading skills. For instance, if you need to register for EDE 11 + ENG 111 and plan to complete BIO 101, you will need to either be enrolled in the EDE 11 and ENG 111 as well as BIO 101 or complete the sequence of EDE 11 and ENG 111 prior to enrolling.

PREREQUISITE COURSES-ROC

- Successful completion of MDE 10, if GPA is below 2.0 from High School within the last five years is required prior to registering for either BIO 101/NAS 2 or CHM 5 at VWCC.
- ONE LAB SCIENCE courses Must contain lab component to meet pre requisite for example:

BIO 101 (4 credits) Biology (must have lab component).

Must be eligible for ENG 111/EDE 11 and be co enrolled or previously completed prior to enrolling in BIO 101/NAS 2. Must be ready for college level math for Biology/NAS 2 enrollment. (EDE 10 enrollment will prevent enrollment in BIO 101/NAS 2 until successful completion of EDE 10.)

CHM 5 (4 credits) Chemistry (must have lab component will need to complete.

Physics college requires Pre Calculus as pre requisite

Note above courses can be completed in High School with a grade of C or better. Must be completed by end of **Spring Semester prior to fall admission.**

MDE 10 is required for those who have graduated from High School within the last five years and have a GPA of below 2.0.

If your High School GPA is 2.0-2.99 then you will need to successfully complete MDE 60 prior to MTH 161 + MDE 61, but this will not be required to register for BIO 101/NAS 2.

One lab sciences can be Biology from High School and college level BIO 101. Can also be fulfilled by completing Biology 101 from college. The sciences must be from Biology, Chemistry or Physics and contain lab components. Ecology and consumer Chemistry are two courses that can NOT be used to fulfill the requirement

Biology must have a lab component and can be completed in HS with grade of “C” or higher or can be completed at college by completing BIO 101 at a college. Remember it must have a lab component.

Chemistry 5 is required to fulfill the prerequisite—the chemistry must have a lab—some of the other colleges may offer another chemistry that can be used to fulfill the requirements and you will need to check with the Counseling office at that institution to make sure that you meet the prerequisites for the class. For VWCC, you will need to place out of math MDE 10 to take CHM 5 because of the math skills needed to successfully pass this course.

You are encouraged to complete a General Physics course as the background in this course can assist with understanding in the program.

Most lab science courses will take two nights a week to complete because of the lecture and the lab components.

Must have lab components for the two lab science courses.

PREREQUISITE COURSES- ROC

- College level:

BIO 141 (Anatomy and Physiology I

MTH 161-Pre-Calculus

HLT141-Introduction to Medical Terminology

SDV 101-Orientation to Health Professions-
(two credits)

All pre-requisite courses completed by end of
Spring prior to fall admission

BIO 141-completed within five years of beginning the program. Pre-requisites at VWCC include a recent Biology, BIO 101 within the last three years with a final grade of “C” or higher or completion of NAS 2 within the last three years (this is a course that helps prepare you for BIO 141—with final grade of “s”) or you may complete the challenge exam to try and place into BIO 141. The challenge exam scores are good for three years as well. The test is completed at the Testing Center and the score is delivered to your school email account within a week. Must complete the challenge at 75% or higher to be allowed to enroll in BIO 141. You must also be ready for ENG 111.

MTH 161-pre-requisites include MTH 161 must be completed within the last five years of beginning of the program. MDE 10 is required for those who have graduated from High School within the last five years and have a GPA of below 2.0. If your High School GPA is 2.0-2.99 then you will need to successfully complete MDE 60 prior to MTH 161 + MDE 61,

HLT 141-one credit. HLT 143 can sub for the HLT 141, provided the final grade is “C” or higher.

SDV 101-two credits—Orientation to Health Professions, which is designated with a “P” on the course listing. Please note that if you have obtained a Bachelor’s

Degree (in the United States or provided documentation from an organization that indicates the equivalent of such in your country), we can waive the two credits of SDV 101 and award the two credits of SDV based on completion of the Bachelor's Degree (or Associate Degree).

PREREQUISITE COURSES-ROC

- Prerequisite courses need to be completed by the end of Spring prior to fall admission to qualify for fall Radiation Oncology Program
- GPA must also be equal to or above a 2.5 by end of Fall prior to spring deadline (if using college GPA, must be based on at least 12 credit hours of college credit within 12-month time-frame.)
- Courses listed on previous slide (with exception of BIO 101 or Physics) will NOT count towards your GPA

Prerequisite one lab science course like Biology and Chemistry, college level BIO 141, MTh 161, HLT 141, SDV 101) must be completed by the end of spring prior to fall admission to qualify for the fall program. It is best to complete your prerequisites as early as possible---but the latest you have to complete them is Spring prior to fall admission. If you are accepted into the program lacking one of the prerequisites, your acceptance is contingent upon successful completion of the missing prerequisite by the end of spring semester.

Your cumulative GPA must be equal to or above a 2.5 by the end of Fall prior to spring deadline—if you have completed at least 12 credit hours of college credit. We will use the last place that you have attended and completed at least 12 credit hours of college credit and we will proceed in reverse chronological order. Don't forget that we will use the cumulative GPA from one Institution. In addition, please be aware that developmental courses in nature (grades are assigned with "P" or "S") cannot be counted towards the 12 credit hours of college credit.

CAREER SUPPORT CLASS INFORMATION-ROC

- Career support classes may be completed prior to entering the Radiation Oncology Program.
- Career support classes are classes in the curriculum without the “ROC” prefix in the class.
- Completion of classes does not guarantee a position in the program.

In addition to the pre-requisites there are career support classes that can be completed prior to entering the Radiography program.

Career support classes are classes within the curriculum that do not have the “ROC” prefix. This would include courses for instance like, ENG composition, PHI 220-Ethics, PSY 200/230 or SOC 200/215, . The support classes are listed on a later slide.

You are encouraged to complete some of the support classes prior to entering the program but it is not mandatory that you do so. Most of the applicants have completed some, if not all of the support classes. However, keep in mind that completion of the support classes do not guarantee you Admission into the program. If you will be Spring **High School graduate** or someone that has not completed any of the support classes, if accepted, you will take the courses as the curriculum is designed. The curriculum will be shown in a few slides

ROC CURRICULUM

Fall-1st year

BIO 142

HLT 105

ROC 110

ROC 115

ROC 125

ROC 142

Spring

ENG 111

PSY 230

ROC 120

ROC 131

ROC 145

ROC 151

Summer

ROC 132

Fall 2nd year

ROC 121 **ROC 231**

ROC 141 **ROC 242**

PHI 220

Spring

ROC 232 **ROC 243**

ROC 241 **ROC 244**

BIO 142- (4 credits)

HLT105-one credit

ROC 110-INTRO TO RADIATION ONCOLOGY (2 credits)

ROC 115-Therapeutic Radiation Safety 2 credit

ROC 125-Pre-Clinical Techniques (2 credits)

ROC 142-Patient Care in Oncology (2 credit)

Spring-

ENG 111-English Composition (3 credits)

PSY 230

ROC 120 RADIATION ONCOLOGY/PATHOLOGY I (3 credits)

ROC 131-CLINICAL CLERKSHIP I (4 credits)

ROC 145-QUALITY ASSURANCE (2 credits)

ROC 151-Cross-sectional Anatomy (2 credits)

SUMMER

ROC 132-CLINICAL CLERKSHIP II- 5 cr

FALL

ROC 121-RADIATION ONCOLOGY/PATHOLOGY II (3 credits)

ROC 141 THERAPY PHYSICS I (2 credits)

ROC 231- CLINICAL CLERKSHIP III (5 credits)

ROC 242-CLINICAL RADIOBIOLOGY (2 credits)

PHI 220-(3 credits)

SPRING

ROC 232-CLINICAL CLERKSHIP IV (5 credits)

ROC 241-THERAPY PHYSICS II (2 credits)

ROC 243-DOSIMETRY-(2 credits)

ROC 244-PROFESSIONAL SEMINAR (3 credits)

In addition to the pre-requisites there are career support classes that can be completed prior to entering the Radiography program.

Career support classes are classes within the curriculum that do not have the “ROC” prefix. This would include courses for instance ENG composition, PHI 220, PSY 230, HLT 105 and –provided you have completed the pre-req. for this course. The support classes are listed on a later slide.

You are encouraged to complete some of the support classes prior to entering the program but it is not mandatory that you do so. Most of the applicants have completed some, if not all of the support classes. However, keep in mind that completion of the support classes do not guarantee you Admission into the program. If you will be 2020 High School graduate or someone that has not completed any of the support classes, if accepted, you will take the coursed as the curriculum is designed. The curriculum will be shown in a few slides

ROC CLASSES

FALL

- ROC 110-INTRO TO RADIATION ONCOLOGY
- ROC 115-THERAPEUTIC RADIATION SAFETY
- ROC 125 - PRECLINICAL TECHNIQUES
- ROC 142-PATIENT CARE IN ONCOLOGY

SPRING

- ROC 120 RADIATION ONCOLOGY/PATHOLOGY I
- ROC 131-CLINICAL CLERKSHIP I
- ROC 145-QUALITY ASSURANCE
- ROC 151-CROSS SECTIONAL ANATOMY

Courses are delivered through a variety of methods:

Canvas-distance learning

Collaborate-web based lecture where the student signs on at home and experiences the class “real-time”

Compressed video-VWCC transmits several courses to NoVA via compressed video

Classroom-student is in face-to-face environment

For information regarding course content, please contact Ms. Conner, Program Director for ROC at 540-857-6104

The clinic components are in each of the locations such as the oncology sites in and around Roanoke and in Northern Virginia, the clinical sites would be located in and around NOVA. Please see earlier slide in regards to clinical locations.

ROC CLASSES

SUMMER:

- ROC 132-CLINICAL CLERKSHIP II

FALL:

- ROC 121-RADIATION ONCOLOGY/PATHOLOGY II
- ROC 141-THERAPY PHYSICS I
- ROC 231-CLINICAL CLERKSHIP III
- ROC 242-CLINICAL RADIOBIOLOGY

SPRING:

- ROC 232-CLINICAL CLERKSHIP IV
- ROC 241-THERAPY PHYSICS II
- ROC 243-DOSIMETRY Planning
- ROC 244-PROFESSIONAL SEMINAR

SUPPORT CLASSES

- BIO 142 ANATOMY AND PHYSIOLOGY II
- ENG 111-English Composition
- HLT 105-CPR-one credit
- PHI 220-Ethics
- PSY 230-Developmental Psychology

Above support classes need to be completed with a grade of “C” or higher

BIO 142-Anatomy and Physiology II—must be completed with in the last five years of beginning the program

ENG 111—sometimes listed at ENG 101/102 at other institutions—will transfer in as 111 and 112----provided the course covered composition ----is offered on campus and Distance Learning.

HLT 105-CPR-1 credit can be obtain by completing HLT 105 and this will allow you to be certified in Health Care Provider CPR. If you are certified in the required CPR, we will be able to use a copy of your CPR card to equate to this one credit course.

PHI 220-Ethics

PSY 230

Support classes must be completed with a final grade of “C” or higher to fulfill the course requirement.

TYPICAL SCHEDULE First Semester

- Tuesday classes and no clinical-
- Outside work hours may need to be limited due to the program demands

This is a typical schedule of the first semester of the Radiation Oncology program. You will have classes on Tuesday, and you will typically not have a clinical component the first semester. Once again classes and clinical times can vary, but this will give you some idea of when the classes are typically offered.

If you are accepted in the Fall program, you will receive your fall schedule at orientation which is held at the beginning of the Fall semester.

It is recommended that if you are accepted into the program, that you do plan to limit your work hours because of the demands of the curriculum.

The clinical component for the Spring semester will potentially be Tuesday and Thursday during the semester

PW1

PROCESS TIME-LINE OF APPLICATION

- Apply by March 15 with complete file {VWCC application, ROC program application, GED/HS official transcripts, official college transcripts (except VCCS transcripts)} including professional two letters of recommendation
- **Once academic file is complete** should receive an ADVISING letter from Health Careers Advisor will receive notification from Dynamic Forms via email
- Will be contacted in late March/April for interview will receive notification via email from Navigate
- Wait for acceptance/alternate/denial status in program usually in mid to late May again by notification via email from Dynamic Forms

The process of application---once again the deadline is March 15 and all items must be at VWCC on or before that date.

The process includes completing a VWCC application—this includes the NOVA applicants as well and indicating pre-ROC on your program of interest. Joint Venture site application at NOVA is required. Also, need to complete the program application, official High School transcripts, a copy of your GED scores, if applicable. Remember if you obtained a GED and completed at least through 9th grade of High School, we will need both the GED scores and an official HS transcript. We also need official HS transcripts if you have obtained advanced degrees. We need official transcripts from all colleges attempted, except VWCC and other Virginia Community Colleges. It is best for the above to arrive in one envelope to the HTIO. The two professional letters of recommendation may be sent separately but must arrive by the application deadline of March 15.

We do encourage you to **apply early** to the program, not because priority is given—because none is given for early application—but it allows us a chance to review your academic file and offer course suggestions.

Once your academic file is complete, you'll receive the Advising letter that I have previously mentioned. The Advising Letter will verify your pre-requisites, your

cumulative GPA at point of application, and college courses, if applicable, that can be utilized in the ROC curriculum. If you've applied from May after March 15 deadline-December prior to spring deadline---we will update your records in February in regard to courses completed in the Fall semester and what your cumulative GPA is after the Fall semester and what courses, you are currently enrolled in for the Spring semester. If your GPA is above a 2.5 and you have completed or are currently enrolled in any missing prerequisites for Spring, we'll send you a letter regarding the next step in the process. If your GPA is below 2.5 or you are missing prerequisites for Spring, or we are missing your letters of recommendation, we'll send you a letter in January informing you of your ineligibility to be considered for the program and indicate the reasons why.

If you applied between May (year before consideration) and January prior to fall admission, we would need updated your college transcripts if you have been attending a non-VCCS. Once your academic file is updated, you should receive a letter usually in April, regarding the next step in the process. This would be the interview with the Program Director or faculty members, on the VWCC campus—the NOVA applicants are generally interviewed at the NOVA site. These interviews usually take place in late April and May.

The Navigate platform will be used to notify eligible applicants on the process to schedule their interview. Please be aware of the email associated with your Navigate and turn on your notifications. If you have not been contacted for an interview by April 10th, you need to reach out to healthprofessions@viriniawestern.edu for assistance.

After everyone who is eligible has completed the last two steps, the Admissions Committee will meet to select the students coming into the program. You will receive a letter informing you of our status into the program—typically in May.

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PW1

Pam Woody, 7/27/2023

PROCESS TIME-LINE OF APPLICATION

- If accepted, return acceptance form to confirm your class position for fall
- If on alternate list, return alternate acceptance form
- Will receive orientation packet after VWCC receives the acceptance forms-packet will include the following information: medical form to be completed, CPR information, uniform ordering information, how and where to obtain background check/urine drug screening and etc. Sometimes the orientation can be loaded into a Canvas shell for incoming students to access and view

If you are accepted into the program, you'll need to return the acceptance forms to HPAAO. If you are placed on the alternate list, you'll need to return the alternate acceptance form. If someone we've accepted into the program, declines their position, then we go to the prioritize alternate list and offer the next person a seat in the upcoming class.

If you are accepted into the program, usually at the end of the May, you'll receive the orientation packet. The orientation packet will include your medical form that must be completed, information regarding how to obtain your criminal background check, the appropriate type of CPR required and information regarding fees due at orientation and where to obtain your uniforms and etc.

ESTIMATED COST OF ROC PROGRAM

Tuition based on 72 credit hours at \$179.99
per credit hour for in-state students
(\$12,959.28-you are encouraged to check the
VWCC website for updated tuition rates.)

Books (For Radiation Oncology only)-\$700.00

Program Fees-\$550.00

Physical/CPR/Hepatitis B/Background check-
\$675.00

Uniforms-\$300.00

Radiation Oncology Statistics

- We will admit 10-12 into the program for each Fall at each site (Roanoke and NVCC)
- Based on strength of prerequisite grades, cumulative GPA, Interview with Program Director/Faculty members including writing assignment, determination in math proficiency, and letters of recommendation
- Priority given to those with 3.0 or higher cumulative GPA, strongest academic record, highest results of interview, and those that have healthcare credentials (licensure/certification)
- For 2024 we interviewed 28 for VW and 27 for NoVA
- For 2023 we interviewed 12 for VW and 15 for NoVA
- For 2022 we interviewed 17 for VW and 15 at NoVA

We admit ten students into the program for fall at each site. The admittance is based on the strength of your pre-requisite grades which include math, and lab science and college level BIO 141, HLT 141, MTH 161, SDV 101. It includes: your cumulative GPA and the interview results with the program director or faculty members and the two letters of recommendation. We also look at your math scores and if you have any previous health care experience. Each of the above items is ranked and the top ten to twelve students are offered a position into our class at each site (VW and NoVA)

REQUIREMENTS FOR REAPPLICATION

Submit application for next fall program increase academics/professional knowledge to be more competitive

Go through application process again interview with Program Director/Faculty members, submit two new letters of recommendation

Submit updated transcripts after each semester (non VWCC students or VCCS students) and send to my attention at the VWCC address.

Note additional pre requisite requirements for Fall 2026, if any.

If you have applied to the fall program and you were not accepted, you are encouraged to reapply to the following fall program. To do this you would need to submit a new Oncology program application, we would not need transcripts that you have already submitted, except for updated one if applicable. You would also need to submit a new application for fall program, and you could increase your chances by strengthening your academics and knowledge of the profession, if you felt that was an area that was lacking and increasing your math skills if you felt they were lacking as well. You will need to submit two new letters of recommendation—they can be from the same people—but often in one year, duties and responsibilities change, and we would like to be aware of this additional information. You will repeat the application process, of going through the interview with the Program Director or faculty members for the following year.

Informational Material

- You may access the following website for Application materials including the Application, Transcript Request Form and other information regarding the application process including Questions and Answers about the program:

<https://www.virginiawestern.edu/academics/health-professions/radiation-oncology/>

Email questions/concerns/feedback to healthprofessions@virginiawestern.edu.

There will also be “Best Practices” for application to Restricted Health Professions Programs, the first Friday of every month (except July), at 1:00 in HP 210.

Our information packet, includes the information previously mentioned, questions and answers about our program, the transcript request form, and other information can be accessed at this website, if you are unable to access this information or to download this information, you are welcome to contact our office and we will be happy to mail out an informational packet

If you would like to provide feedback regarding this presentation, please contact me using the email address listed here.

We hope this information has been helpful and we are looking forward to working with you soon.