

# GUIDED PATHWAY: VASCULAR INTERVENTIONAL ADVANCED TECHNICAL CERTIFICATE

## HEALTH SCIENCES CAREER PATH



For more information, visit the [Dallas College Radiologic Sciences webpage](http://www.dcccd.edu/RadSci) [www.dcccd.edu/RadSci] and your academic advisor at the Brookhaven Campus.

This is an example course sequence for students interested in pursuing the Vascular Interventional Advanced Technical Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Advanced Technical Certificate (ATC) in Vascular Interventional. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

The ATC program in Vascular Interventional prepares the student to further their radiologic science career with a specialty in vascular interventional radiography. The VIR technologist uses radiation and advanced patient care skills to produce vascular images of the patient which are used by the physician to make a diagnosis. For the vast majority of the diagnostic procedures, the VIR technologist has total responsibility for the care and well-being of the patient and must be prepared to produce quality images with care and empathy.

This program is for graduates or students in their last semester of a radiography program and/or are registered radiographer by the American Registry of Radiologic Technologists and Certified Medical Radiologic Technologist licensed by the Texas Department of Health. Courses that complete the Certificate are noted below.

Visit [www.ntxccc.org/pathways](http://www.ntxccc.org/pathways) to view guided pathways created for students who complete an A.A.S. degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your campus to choose courses that will help you to transfer to a specific university.

<b>Catalog Year</b>	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
<b>Degree Type</b>	Advanced Technical Certificate	
<b>GPA Requirement</b>	Student must earn a GPA of 2.0 or higher	
<b><u>TSI</u></b>	Must be Complete	

## SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

### CERTIFICATE MINIMUM: 31 SEMESTER CREDIT HOURS

PREREQUISITES	Total Hours:10
---------------	----------------

**RADR 2240** – Sectional Anatomy for Medical Imaging

**CHOOSE ONE:** **BIOL 2401** – Anatomy and Physiology I *Prior to registration you must earn a grade of "C" or better in BIOL 1406. This is a Core course.* **OR**

**SCIT 1407** – Applied Human Anatomy and Physiology I

**CHOOSE ONE:** **BIOL 2402** – Anatomy and Physiology II *Prior to registration you must complete BIOL 2401. This is a Core course.* **OR**

**SCIT 1408** – Applied Human Anatomy and Physiology II

#### PREREQUISITE SEMESTER ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with the clinical coordinator regarding placement for the Practicum course.
3. Meet with your career advisor or coach to research your career options and opportunities for job shadowing.

**SEMESTER 1****Total Hours: 7**

[VIRT 2340](#) – Advanced Patient Care and Pathophysiology for Interventional Radiology

[VIRT 1310](#) – Principles of Interventional Radiology I

[VIRT 2164](#) – Practicum (or Field Experience) - Vascular Interventional Technology/Science

***SEMESTER 1 ACTION ITEMS***

1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path and program of study.
2. Meet with faculty to discuss your program progress.
3. Meet with faculty regarding placement for the Practicum course.

**SEMESTER 2****Total Hours: 9**

[VIRT 2310](#) – Principles of Interventional Radiology II

[VIRT 1320](#) – Interventional Radiology Equipment and Methodology

[VIRT 2364](#) – Practicum (or Field Experience) - Vascular Interventional Technology/Science

***SEMESTER 2 ACTION ITEMS***

1. Meet with faculty to discuss your program progress.
2. Meet with the clinical coordinator regarding placement for the Practicum course.

**SEMESTER 3****Total Hours: 5**

[VIRT 2330](#) – Advanced Vascular Interventional Procedures

[VIRT 2265](#) – Practicum (or Field Experience) - Vascular Interventional Technology/Science

***SEMESTER 3 ACTION ITEMS***

1. After reviewing your degree plan and program of study, meet with the Health Occupations Admissions Office to apply for the Vascular Interventional Advanced Technical Certificate.
2. Sign up for commencement.
3. Join the [Alumni Network](#)!

**PATHWAY TOTAL: 31 SEMESTER CREDIT HOURS**