

GUIDED PATHWAY: COMPUTED TOMOGRAPHY 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 Computed Tomography 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 Computed Tomography. 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 Computed Tomography prepares the student to further their radiologic science career with a specialty in computed tomography. The CT technologist uses radiation to produce cross-sectional images of the patient which are used by the physician to make a diagnosis. For the vast majority of the diagnostic procedures, the CT 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 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 college to choose courses that will help you to transfer to a specific university.

| | | |
|-----------------|--|--|
| Catalog Year | 2021-2022 | You may use this pathway if you entered Dallas College on or before this date. |
| Degree Type | Advanced Technical Certificate | |
| GPA Requirement | Student must earn a GPA of 2.0 or higher | |
| <u>TSI</u> | 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: 24 SEMESTER CREDIT HOURS

PREREQUISITES

Total Hours: 10

RADR 2240 – Sectional Anatomy for Medical Imaging

CHOOSE ONE: **BIOL 2401** – Anatomy and Physiology I *Must earn a grade of "C" or better in BIOL 1406 before registering. This is a Core course.* **OR**

SCIT 1407 – Applied Human Anatomy and Physiology I

CHOOSE ONE: **BIOL 2402** – Anatomy and Physiology II *Must earn a grade of "C" or better in BIOL 2401 before registering. 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 a career advisor or coach to research your career options and opportunities for job shadowing.
3. Meet with faculty regarding placement for the Clinical Practicum course.

SEMESTER 1**Total Hours: 5****CTMT 2332** – Principles of Computed Tomography**CTMT 2267** – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer**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 Clinical Practicum course.

SEMESTER 2**Total Hours: 9****CTMT 2336** – Computed Tomography Equipment and Methodology**CTMT 1391** – Special Topics in Computed Tomography Technology/Technician**CTMT 2364** – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer**SEMESTER 2 ACTION ITEMS**

1. After reviewing your degree plan and program of study, meet with your advisor to apply for the Computer Tomography ATC.
2. Sign up for commencement.
3. Join the [Alumni Network](#)!

PATHWAY TOTAL: 24 SEMESTER CREDIT HOURS