

# GUIDED PATHWAY: RADIOLOGIC TECHNOLOGY A.A.S.

## 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 Radiologic Technology degree at Brookhaven College. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (A.A.S.) degree in Radiologic Technology. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See catalog for [official degree requirements](#).

The A.A.S. degree program in Radiologic Sciences prepares the student to become a professional radiologic technologist with a specialty in radiography. The radiographer uses radiation to produce internal images of the patient which are used by the physician to make a diagnosis. For the vast majority of diagnostic procedures, the radiographer has total responsibility for the care and well-being of the patient and must be prepared to produce quality images with care and empathy. The graduate radiographer is eligible to sit for the examination given by the American Registry of Radiologic Technologists and eligible to be a Certified Medical Radiologic Technologist licensed by the Texas Department of Health. Radiographers work in hospitals, physician's offices, and primary care facilities. Completion of the program and successful completion of the ARRT examination provides the graduate with credentials to continue their education in other radiologic specialty disciplines. Courses that complete the Degree are noted below.

Visit the [NTCCC Transfer Consortium](#) 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>	Associate of Applied Science	
<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 degree requirements](#).

### AAS DEGREE MINIMUM: 64 SEMESTER CREDIT HOURS

PREREQUISITES	Total Hours: 14
<b><u>ENGL 1301</u></b> – Composition I <i>This is a Core course. Must earn a grade of "C" or better.</i>	
<b><u>MATH 1314</u></b> – College Algebra <i>This is a Core course. Must earn a grade of "C" or better.</i>	
<b><u>BIOL 2401</u></b> – Anatomy and Physiology I <i>Before registration you must earn a grade of "C" or better in BIOL 1406. This is a Core course.</i>	
<b><u>RADR 1201</u></b> – Introduction to Radiography	
<b><u>RADR 2209</u></b> – Radiographic Imaging Equipment	

#### 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.

SEMESTER 1 (8 Weeks)	Total Hours: 9
<b><u>RADR 1203</u></b> – Patient Care	
<b><u>RADR 1311</u></b> – Basic Radiographic Procedures	
<b><u>BIOL 2402</u></b> – Anatomy and Physiology II <i>Prior to registration you must complete BIOL 2401. This is a Core course.</i>	

**SEMESTER 1 (8 Weeks)****Total Hours: 8**

[RADR 1213](#) – Principles of Radiographic Imaging I  
[RADR 2301](#) – Intermediate Radiographic Procedures  
[PHIL 2306](#) – Introduction to Ethics *This is a Core course.*

**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.

**SEMESTER 2 (8 Weeks)****Total Hours: 7**

[RADR 1291](#) – Special Topics in Medical Radiologic Technology/Technician  
[RADR 2205](#) – Principles of Radiographic Imaging II  
[RADR 2331](#) – Advanced Radiographic Procedures

**SEMESTER 2 (8 Weeks)****Total Hours: 9**

[RADR 1202](#) – Radiographic Image Evaluation I  
[RADR 2233](#) – Advanced Medical Imaging  
[RADR 1266](#) – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer  
**CHOOSE ONE:** [SOCI 1301](#) – Introduction to Sociology *This is a Core course.* **OR**  
[PSYC 2301](#) – General Psychology *This is a Core course.*

**SEMESTER 2 ACTION ITEMS**

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

**SEMESTER 3 (8 Weeks)****Total Hours: 6**

[RADR 2213](#) – Radiation Biology and Protection  
[RADR 1250](#) – Radiographic Image Evaluation II  
[RADR 1267](#) – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer

**SEMESTER 3 (8 Weeks)****Total Hours: 4**

[RADR 2217](#) – Radiographic Pathology  
[RADR 1268](#) – Advanced Medical Imaging

**SEMESTER 3 ACTION ITEMS**

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

**SEMESTER 4 (8 Weeks)****Total Hours: 5**

[RADR 2335](#) – Radiologic Technology Seminar *This is the capstone course. This will be a 16-week course.*  
[RADR 2266](#) – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer

**SEMESTER 4 (8 Weeks)****Total Hours: 2**

[RADR 2267](#) – Practicum (or Field Experience)-Radiologic Technology/Science-Radiographer

**SEMESTER 4 ACTION ITEMS**

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

**PATHWAY TOTAL: 64 SEMESTER CREDIT HOURS**