



Collin College Respiratory Care Program Information Packet

www.collin.edu/rcp

About Our Program

The Collin College Respiratory Care Program prepares individuals for an allied health specialty in the clinical care and management of cardiopulmonary disorders. The 22-month program graduates a student with an Associate of Applied Science degree and qualifies the individual to apply for the Registered Respiratory Therapist board examination. **66 Credit Hours are required to graduate.**

The Respiratory Care Program is only offered at the McKinney Campus. With the exception of clinical, all respiratory courses are taught at the Cary A. Israel Health Sciences Center on the McKinney Campus. Pre-requisite and General Core classes may be taken at any campus.

Our state-of-the-art lab and simulation areas offer students unique learning opportunities. The program utilizes additional areas for scenarios involving critical thinking and problem solving. For a tour of our facility, please contact the program director (972-548-6870).



Under medical supervision, the RRT is responsible for airway care, ventilator management, and patient monitoring. In addition to adult critical care, the therapist has a high degree of involvement in the respiratory care of the neonatal and pediatric patient. The therapist also has opportunities for employment outside the hospital. He/she can work in home healthcare, long-term care facilities, physician offices, medical equipment sales, and education.

Because the number of applicants typically exceeds space in the program, this program uses a competitive, criterion-based admission scoring system, which is explained below. A program application can be printed from the “Forms” link on the program website www.collin.edu/rcp.

The Respiratory Care Program at Collin College is accredited by the Commission on Accreditation for Respiratory Care (CoARC). (www.coarc.com)

Career Opportunities

The Respiratory Care Program offers an opportunity to work in the fast-paced and challenging environment of critical care medicine. Respiratory Therapists are responsible for airway care, ventilator management, and patient monitoring. In addition to critical care, therapists also work in general care areas providing oxygen therapy, volume augmentation, and aerosol therapy. Respiratory Therapists work in emergency departments, intensive care areas, and even in the transport of critically ill patients. The earning potential is competitive with equivalent associate degree level programs and career opportunities in the health care industry for registered respiratory therapists are rapidly increasing.

Graduates of our program are typically employed in the following areas:

- Adult and Neonatal ICU’s
- Adult and Pediatric General Care Areas
- Emergency Departments
- Long-term Care Facilities

Minimum Prerequisites

Three out of the four following prerequisites must be completed by the application deadline. A pending prerequisite should be taken in the summer semester prior to starting the program.

1. Anatomy and Physiology I (BIOL 2401) with a minimum grade “C”.
2. Anatomy and Physiology II (BIOL 2402) with a minimum grade “C”.
3. Microbiology for Health Professions (HPRS 1272) with a minimum grade “C”.
*BIOL 2420 will be acceptable.
BIOL courses must be taken with 5 years of starting the program.
4. Basic Health Profession Skills (HPRS 1204) with a minimum grade “C”. This has to be within 2 years of the first day of class in the fall semester of the admission year. **Students**

with select health care credentials may qualify for Prior Learning Assessment (PLA) credit to test out of HPRS 1204 lecture and lab. Please call 972-548-6679 for information and scheduling.

Admission Requirements

Apply for admission to Collin College and submit official transcripts from any colleges attended to the Admissions Office.

Acceptance into the **Respiratory Care Program** is selective based on completion of the following procedures:

1. Submit a **Respiratory Care Program Application** to the Respiratory Care Department at the McKinney Campus **no later than the Second Friday in May.**
2. **Submit official transcripts from all colleges attended (including Collin College Transcripts) to the Program Director.** Transcripts must be mailed to the Respiratory Care Program or sent electronically to the program director. The Respiratory Care Program must receive all transcripts by the application deadline.

Attention: Julie Boganwright, Respiratory Care Program
2200 W. University Drive, McKinney, Texas, 75071

3. Become informed about respiratory care and the program:
 - **Informed applicants make better candidates.** The Respiratory Care Program requires that each applicant participate in a Respiratory Care Information Session held virtually or periodically at Collin College campuses. Please see the program website for information session dates and times.
4. Take the HESI or TEAS Exam by the application deadline. Please contact the department at 972-548- 6679 for information on HESI Testing.
5. Be in good Academic Standing with a GPA of 2.5 or higher.
6. Complete all prerequisite and core courses. Students who have completed all prerequisite and core classes will have a better chance of being accepted into the program.
7. It is highly recommended that any students transferring from another accredited institution speak with an Academic Advisor. Each campus has Academic Advisors who can assist you.

Selective Admission Scoring

Acceptance into the Respiratory Care Program is competitive and is based on the total number of points that are accumulated in the areas below. Meeting with the program director is encouraged, but does not carry points in the admission scoring process. The following methods are used to award points in the process of evaluating your application. Please note that these criteria are subject to modification and may be changed without prior notice. In the event that it becomes necessary to modify the criteria, all applications will be subject to the modification regardless of when the application was submitted. Changes in admission criteria will be published on the program web site.

I. Pre-requisites (Maximum Points: 9)

BIOL 2401 Anatomy and Physiology I	2 points
BIOL 2402 Anatomy and Physiology II	2 points
HPRS 1272 Microbiology for Health Professions (or BIOL 2420)	2 points 3 points
HPRS 1204 Basic Health Profession Skills	2 points

3 of the 4 pre-requisites should be completed with an end-of-course grade by the end of May of the application year. Although the minimum required grade is a “C”, due to the competitiveness of the program higher grades are desirable. Courses in progress at the time of the application will be considered.

II. Other AAS Core Courses (Maximum Points 4)

It is advantageous to complete as many AAS core courses as possible before taking Respiratory Care course work. Any courses taken at the time of the application will be considered.

- A. ENGL 1301 Composition and Rhetoric I 1 point
- B. SOCI 1301 or PSYC 2301 (Social or Behavioral Science) 1 point
- C. PHIL 2303 Introduction to Logic (Or Humanities elective) 2 points*

* All other humanities courses substituted for PHIL 2303 will receive 1 point

III. Grade Point Average (Maximum Points: 10)

The cumulative GPA will be calculated based on prerequisite and general core courses included in the Respiratory Care curriculum. Points will be given using the following scale:

3.76 – 4.0	10 points
3.66 – 3.75	9 points
3.51 – 3.65	8 points

3.36 – 3.50	7 points
3.26 – 3.35	6 points
3.15 – 3.25	5 points
3.00 – 3.14	4 points
2.86 – 2.99	3 points
2.70 – 2.85	2 points
2.50 – 2.69	1 point

*Applicants must also have a cumulative GPA of 2.5 or above on their transcript.

IV. HESI Admission Assessment (A2) Examination (Maximum Points 15)

Cost of Exam: \$73

*cost of exam may vary based on format of the exam (in-person or online)

Please contact the program administrative assistant for instructions on paying for and signing up for the exam. 972.548.6679.

This exam covers the following areas: Anatomy and Physiology, Biology, Grammar, Math, Reading Comprehension, Vocabulary and General Knowledge, and Critical Thinking. The admission scoring based on HESI exam results are as follows:

Anatomy and Physiology

90 – 100%	2 points
70 – 89%	1 point
Less than 70%	0 points

Biology

90 – 100%	2 points
70 – 89%	1 point
Less than 70%	0 points

Grammar

90 – 100%	2 points
70 – 89%	1 point
Less than 70%	0 points

Math

90 – 100%	2 points
70 – 89%	1 point
Less than 70%	0 points

Reading Comprehension

90 – 100%	2 points
70 – 89%	1 point
Less than 70%	0 points

Vocabulary and General Knowledge

90 – 100%	2 points
70 – 89%	1 point
Less than 70%	0 points

Critical Thinking

90 – 100%	3 points
80 – 89%	2 points
70 – 79%	1 point
Less than 70%	0 points

V. Required Participation in Respiratory Care Information Session (5 Points)

The Program Director, Academic Advisor, Respiratory Care professionals and others including current or former students will be available to give information about the career in general and the program in particular. Attendance and participation by the prospective students is considered very important. To receive the maximum points for this section, the prospective student must be present for the whole session. Students who arrive 10 minutes late to a session will not be given any points towards admission scoring and will need to attend another session.

VI. Bonus Points (Maximum Points: 5.00)

Students who have completed these courses with a “B” grade or above are given bonus points.

MATH 1314 College Algebra or equivalent (2 points max)

SPCH 1311 Fundamentals of Communication (0.5 point)

RSPT 1237 Basic Dysrhythmia (1 point)

HITT 1305 (0.5 points)

HITT 2301 (0.5 points)

Current healthcare credential: (1 point)

A Bachelor’s degree or higher (1point)

Students with a baccalaureate degree or above from a regionally accredited US College/university will be awarded 1 bonus point towards admission.

VII. Notification of Acceptance

Applicants are selected based on the selective admission criteria. The program director and clinical coordinator review and score all applications. The program director will send a letter of acceptance to the selected applicants via e-mail as soon as all applications have been reviewed. This is usually in early June. Students are notified of additional required documents and deadlines in their acceptance letter.

Other Special Requirements/ Information

Core Performance Standards

Please refer the Respiratory Care Department's "**Functional Abilities/Core Performance Standards**" worksheet for a complete list of generally accepted skills that a respiratory therapist must possess in order to function safely and effectively in a variety of clinical settings (located in "Forms" on the program website). If a student is unable to meet any one of the core performance standards listed in the Functional Abilities/Core Performance Standards worksheet, the student must identify all accommodations required to meet the standards outlined. In some cases, accommodations may be formulated or recommended by the Access Office (Disability Services) by contacting them at (972) 881-5898. Please see the Collin College Catalog for additional information.

Collin College complies with the Americans with Disabilities Act by providing reasonable accommodations for students with documented disabilities. Students with disabilities are encouraged to make an appointment with an Access Advisor prior to applying to the Respiratory Care program to allow for evaluation.

Texas Medical Board License

In order to work as a respiratory therapist in the state of Texas (after completion of the program), all Respiratory Care Practitioners are required to obtain a permit through the Texas Medical Board. If the applicant has a felony or misdemeanor conviction, he/she may not be eligible for a permit. If the applicant desires any additional information, he/she is encouraged to contact the Program Director at (972) 548-6870. Information may also be found at the [Texas Medical Board](#) website.

Criminal Background Check and Employer Verification

Criminal background checks will be required of all students prior to entering the Respiratory Care Program and prior to beginning the clinical component of the program. Please be aware that the State of Texas reserves the right to deny respiratory care license to individuals that have criminal infractions. For more information, please contact the Respiratory Care Program Director. Background checks are at the expense of the student.

Drug Testing

It is standard practice for all employers to drug test hospital workers prior to starting work. Since the respiratory care student will be in the hospital participating in patient care, all students will be drug tested prior to the start of the clinical rotation. The respiratory care program may require a drug test during any semester. This is at the expense of students.

Personal Health Insurance

Students are **required** to carry personal health insurance while in the clinical portion of the Respiratory Care Program. Proof of such insurance needs to be made available to the program director prior to clinical rotations. Students should be aware that eligibility for health insurance on their parent or guardian's health insurance may require the student be a full-time enrolled student. The number of semester credit hours in which a student must be enrolled to be considered full time is defined by Collin College. Students should check with the college registrar's office to see if they qualify as full-time students.

Immunization Records

The Texas Administrative Code (TAC) and the Dallas-Fort Worth Hospital Council Foundation Community Standards require that all students in health programs complete required immunizations. Students are required to provide documentation that they have completed all immunization requirements. Immunizations for students are based on the current Centers for Disease Control recommendations for health professionals.

1. Mumps, Measles, Rubella: 2 vaccinations or titer showing immunity
2. Varicella (chicken pox): Vaccination or titer showing immunity
3. Tetanus/Diphtheria/Pertussis: within past ten years
4. Influenza: one dose annually during flu season. Exceptions made for medical and religious reasons must adhere to hospital policies.
5. Hepatitis B vaccination is required: vaccination consists of a three-dose series over a seven-month period. The series must be started before the application deadline and proof must be included with the completed application packet. A titer showing immunity is also acceptable.
 - Proof of first injection with application. Suggest beginning this series in March of the application year.
 - Proof of third injection must be provided to the Respiratory Care office by September 15 (date subject to change).

- Accelerated dosing schedules are available but it is the student’s responsibility to seek facilities that have this as an option.

Students compromise their standing in the program without completion of their immunizations.

6. Hepatitis A series: Highly recommended.

7. Negative Tuberculin (TB) Test: Annual requirement- can be either TST or QFT and/or negative CXR. If history of positive PPD test or having had TB, must provide documentation of negative CXR or completed treatment in addition to submitting a positive skin test. If BCG was received, a positive skin test is still required in addition to a CXR or TB blood test. Students with expired TB tests will not be allowed to attend clinical and will receive unexcused absences until results are submitted. (Students must be aware of the attendance policy for clinical.)

8. See the Collin College website regarding Meningitis Vaccination.

9. Additional vaccines may be required by clinical partners of the program.

The costs of these tests and immunizations are the student’s responsibility. Select clinical sites may request additional immunization requirements.

Information on immunizations can be accessed at the following website:
Centers for Disease Control and Prevention (CDC)
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5515a1.htm>

Program Coursework

NOTE: Applicants are encouraged to complete as many AAS core courses as possible prior to beginning their specialty courses in Respiratory Care (RSPT). Please see the Academic Catalog for course descriptions.

Pre-requisites

Courses		Lecture hours	Lab Hours	Credit Hours
Note: <i>Italicized</i> courses represent “AAS core” courses.				
<i>BIOL 2401</i>	<i>Anatomy and Physiology I</i>	3	4	4
<i>BIOL 2402</i>	<i>Anatomy and Physiology II</i>	3	4	4
<i>HPRS 1272</i>	<i>Microbiology for Health Professions</i>	1	3	2
HPRS 1204	Basic Health Professions Skills	1	3	2
Total Hours:				12

FIRST YEAR

First Semester - fall

Courses		Lecture hours	Lab Hours	Credit Hours
Note: <i>Italicized</i> courses represent “AAS core” courses.				
RSPT 1160	Clinical I, Respiratory Care Therapist	0	6	1

RSPT 1201	Introduction to Respiratory Therapy	1	4	2
RSPT 1340	Advanced Cardiopulmonary Anatomy and Physiology	3	1	3
RSPT 1410	Respiratory Care Procedures I	3	4	4
			Total Hours:	10

Second Semester - spring

Courses		Lecture hours	Lab Hours	Credit Hours
Note: <i>Italicized</i> courses represent “AAS core” courses.				
RSPT 1361	Clinical II, Respiratory Care Therapist	0	16	3
RSPT 1411	Respiratory Care Procedures II	3	4	4
RSPT 1213	Respiratory Care Pharmacology	2	0	2
RSPT 2310	Cardiopulmonary Disease	3	1	3
	<i>Any Humanities/Fine Arts General Education Option</i>	2-3	0-3	3
			Total Hours:	15

Third Semester - summer

Courses		Lecture hours	Lab Hours	Credit Hours
Note: <i>Italicized</i> courses represent “AAS core” courses.				
RSPT 2414	Mechanical Ventilation	3	3	4
RSPT 1362	Clinical III, Respiratory Care Therapist	0	16	3
			Total Hours:	7

SECOND YEAR

First Semester - fall

Courses		Lecture hours	Lab Hours	Credit Hours
Note: <i>Italicized</i> courses represent “AAS core” courses.				
<i>PSYC 2301</i>	<i>General Psychology</i>	3	0	3
RSPT 2255	Critical Care Monitoring	1	4	2
RSPT 2353	Neonatal/Pediatric Cardiopulmonary Care	3	1	3
RSPT 2360	Clinical IV, Respiratory Care Therapist	0	16	3
			Total Hours:	11

Second Semester - spring

Courses		Lecture hours	Lab Hours	Credit Hours
Note: <i>Italicized</i> courses represent “AAS core” courses.				
RSPT 2130	Respiratory Care Exam Preparation	1	1	1
RSPT 2139	Advanced Cardiac Life Support	0	3	1
RSPT 2231	Clinical Simulations in Respiratory Care	1	4	2
RSPT 2147	Specialties in Respiratory Care	1	1	1

RSPT 2361	Clinical V, Respiratory Therapy Technician (Capstone)	0	16	3
			Total Hours:	12
			GRAND TOTAL	66

The student is required to receive a grade of “C” or better in all prerequisite and respiratory coursework. The minimum grade required in all respiratory care courses is 75% or more in order for students to progress in the program.

Class Times

Please note: The exact time schedule for the Respiratory Care Program differs each semester.

Fall Semester First Year

First Eight Weeks:

Monday and Wednesday	08:00 AM – 11:30 AM
Monday or Wednesday (Lab)	12:00 PM – 4:00 PM
Tuesday and Thursday	08:00 AM – 1:30 PM

Second Eight Weeks:

Monday and Wednesday	08:00 AM – 11:30 AM
Monday or Wednesday (Lab)	12:00 PM – 4:00 PM
Tuesday and Thursday (Clinical)	07:00 AM – 2:00 PM

Spring Semester First Year

Monday and Wednesday	08:00 AM – 11:20 AM
Tuesday and Thursday (clinical)	07:00 AM – 3:00 PM
Monday or Wednesday	12:00 PM – 4:00 PM
Friday	09:00 AM – 11:00 AM

Summer

Monday and Wednesday, and Friday	06:30 AM – 3:00 PM
Tuesday and Thursday	09:00 AM – 4:30 PM

Fall Semester Second Year

Monday and Wednesday (clinical)	07:00 AM – 3:00 PM
Tuesday and Thursday	09:00 AM – 4:00 PM

Spring Semester Second Year

Monday and Wednesday (clinical)	07:00 AM – 3:00 PM
Tuesday and Thursday	09:00 AM – 4:30 PM

These times are tentative and are subject to change. Times for clinical rotations may differ depending on the hospital. Students should refer to the syllabus for current times and days. Certain clinical facilities may require an earlier start time.

Estimated Program Costs: The following are approximate In-District costs to be anticipated students*

Tuition	See Current Schedule	\$4092**
Lab Fees		\$146
Books	First Year/Second Year	\$700/\$450
Uniforms		\$60-\$100
Liability Insurance	Each Fall	\$30/year
Medical Insurance	During all Clinical Training	Please obtain quote
Stethoscope	First Semester	\$40.00-\$150.00
State License	End of Second Year	\$125
Background Checks	Pre-Clinical	\$40-\$70
Drug Screening	Random	\$160
Supplies	Clinical supplies	\$90
Credentialing Exams	After Graduation	\$150 and \$200

***Tuition is based on credit hours and residency classification and is subject to change upon approval of the Collin College Board of Trustees.**

**** In-District Estimate 2022-2023**

[Scholarships opportunities are available through the Collin College Foundation.](#)

Sources of Additional Information

Information concerning a career in respiratory care is available from:

American Association for Respiratory Care

<http://www.aarc.org>
 9425 N. MacArthur Blvd., Suite 100
 Irving, TX 75063-4706, USA
 (972) 243-2272

American Association for Respiratory Care/Be An RT

Why Be An RT?
 What is Respiratory Therapy
<https://be-an-rt.org/>

Information on gaining credentials as a respiratory therapy practitioner can be obtained from:

The National Board for Respiratory Care, Inc.

www.nbrc.org
10801 Mastin Street, Suite 300
Overland Park, KS 66210
(913) 895-4900

For the current list of CoARC-accredited respiratory care programs:

Commission on Accreditation for Respiratory Care

<https://coarc.com/>

For any information pertaining to the program:

Director of Respiratory Care Program

2200 W. University Drive Office H207
McKinney, TX 75071
(972) 548-6870

Additional Programs

CRT-RRT Transition Program/Advanced Placement

The College offers a transition program to allow those with a CRT credential from the NBRC, who graduated from a one year CRT program and have a minimum of one-year recent experience to enter the program. Transcripts would need to be evaluated by the program director and academic advisor. Transition students are required to complete all 2nd year coursework.

Graduates are awarded an AAS in Respiratory Care after completion of 1) all 2nd year respiratory care coursework and, 2) completion of the following general core courses:

BIOL 2401	Anatomy and Physiology I
BIOL 2402	Anatomy and Physiology II
ENGL 1301	Composition and Rhetoric I
HPRS 1272	Microbiology or equivalent
PSYC 2301	General Psychology <u>or SOCI 1301</u>
HUMA 1301	Or any Fine Arts/Humanities option

These courses may be transferred in from other institutions provided: the Anatomy and Physiology courses are sophomore level courses and must be taken within the past five years. Official transcripts must be sent to the program director for evaluation. The program director and an academic advisor will review all courses to be considered for the curriculum.

All applicants to the transition program are also required to demonstrate competency by satisfactory completion of an entry-level exam. There are two acceptable examinations: 1) the Therapist Multiple Choice (TMC) Exam offered by the National Board for Respiratory Care taken within the past twelve months- with score above the low-cut score, or 2) a secured TMC Self-Assessment Exam offered by Applied Measurement Professionals (AMP). Please contact the program director to discuss these options.

Transfer Students from Another Accredited Program:

The Program Director reserves the right to accept transfer students. When a transfer student is being considered for entry into the Collin College program, the following procedure is necessary:

1. Meet the admission requirements of the College.
2. Meet the program admission requirements (see page 2)
3. Send the official transcripts of all college work to the Admissions Office AND to the Program Director.
4. Meet with the academic advisor to evaluate transcripts for general courses.
5. Send the catalog and course descriptions of the student's current respiratory care program to the program director. Syllabi may be requested.
6. Send a letter of recommendation and current status from the student's current program director and one faculty member. Student must be in good academic standing.

Upon receipt of all of the above, the program director with the help of the academic advisor will develop a degree plan for the student. All of the requirements of regular admission to the program are applicable to the transfer students. Be advised that, transferring students may have to repeat courses that they might have already taken in order to be equal with the Collin College program standards. Determining transfer equivalency can be a lengthy process. It is the student's responsibility to provide all the requested information to the program director in a timely manner.