



# Collin College Respiratory Care Program Application Packet

[www.collin.edu/rcp](http://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 Central Park Campus in McKinney. With the exception of clinicals, all respiratory courses are taught at the Cary A. Israel Health Sciences Center at the Central Park Campus. Pre-requisite and General Core classes may be taken at any campus (exceptions: HPRS 1204 and HPRS 1272).**

Our state of the art lab and simulation areas offer students unique learning opportunities. The program looks forward to utilizing additional areas such as the mock ambulance bay and emergency room department for scenarios involving critical thinking and problem solving. For a tour of our facility, please contact the program director (972-548-6870).

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](http://www.collin.edu/rcp).

The Respiratory Care Program at Collin College is accredited by the Commission on Accreditation for Respiratory Care (CoARC). Contact information for CoARC is located in the section “Sources of Additional Information”.

## Career Opportunities

The Respiratory Care Program offers an opportunity to work in the fast-paced and challenging environment of critical care medicine. 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. According to the Bureau of Labor and Statistics, the profession is projected to grow over the next 6 years. For additional information on wages and salaries, please visit [Career Coach](#).

## 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”.  
\*For a limited time, BIOL 2420 will be acceptable. Please contact program director for questions.
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.  
BIOL courses must be taken with 5 years of starting the program.

## Admission Requirements

Apply for admission to Collin College and submit official transcripts from any colleges attended to the [Admissions Office](#) to the Central Park Campus. (Please check with the Admissions Office for specific requirements.) Complete the Collin College reading, writing and mathematics assessments. Please consult with Academic Advisor before taking assessment tests.

**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 Central Park Campus in McKinney **no later than the Second Friday in May**
2. **Submit official transcripts from all colleges attended.** Transcripts may 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: Araceli Solis, Respiratory Care Program
  - 2200 W. University Drive, McKinney, Texas, 75070

If you are new to Collin, the Admissions Office will also need official copies of all colleges attended.
3. Become informed about respiratory care and the program:
  - **Informed applicants make better candidates**, and in an effort to inform the candidate, the Respiratory Care Program requires that each applicant participate in a Respiratory Care Information Session held periodically at Collin College campuses. College Academic Advisors can provide dates for these sessions. If unable to attend a session, please schedule an appointment with the Program Director (972-548-6870).
4. Complete the PSB Health Occupations Aptitude Examination. This exam should be taken prior to the application deadline. Results can take up to two weeks to arrive.
5. Be in good Academic Standing with a GPA of 2.5 or higher.

6. 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. Lisa Gibbs is the primary advisor for the Respiratory Care Program. She is located at the Central Park Campus in McKinney and can be 972-548-6778. Each campus has Academic Advisors who can help answer your questions.
  - 972 881-5782 Spring Creek Campus
  - 972-548-6782 Central Park Campus
  - 972 377-1779 Preston Ridge Campus.

## Selective Admission Scoring

### Total Points Possible: 48

Acceptance into the Respiratory Care Program is competitive and is based on the total number of points that are accumulated in the following areas: **I- Pre-Requisites, II- Core Courses, III-PSB Exam, IV- Grade Point Average of Core Courses, and V Attendance at the Respiratory Care Information Session.** 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: 8)

BIOL 2401 Anatomy and Physiology I	2 points
BIOL 2402 Anatomy and Physiology II	2 points
HPRS 1272 Microbiology for Health Professions	2 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.

### 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. Applicants will receive points for the core courses that are completed by the application deadline. The prerequisite and core courses that are being taken in the semester at the time of 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. PSB Exam (Maximum Points Available: 16)**

The PSB Health Occupations Aptitude Examination is offered through the Psychological Services Bureau. This test includes five areas: Academic Aptitude, Spelling, Reading Comprehension, Natural Science, and Vocational Adjustment. The admission scoring based on PSB results are as follows:

<b>Academic Aptitude, Spelling, Vocational Adjustment</b>	
76%-100%	2 points (for each section)
25% -75%	1 point
Less than 25 %	0 point
<b>Reading Comprehension</b>	
91% -100%	4 Points
76% - 90%	3 Points
51% - 75%	2 Points
25 % - 50%	1 point
Less than 25%	0 Point
<b>Natural Sciences</b>	
97% - 100%	6 points
91% - 96 %	5 Points
75% - 90 %	4 Points
61% - 74 %	3 Points
41% -60%	2 points
25% - 40%	1 Point
Less than 25%	0 Point

**IV. Grade Point Average (Maximum Points: 10)**

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

3.76 - 4.00	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 point
2.50 - 2.69	1 Point

**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.

**BIOL 1406** General Biology (1 point if taken after Fall 2013)

**MATH 1314** College Algebra or equivalent (2 points max)

**SPCH 1311** Fundamentals of Communication (0.25 point)

**RSPT 1271** Basic Dysrhythmia (0.25 point)

**Honors: Select BIOL courses:** (0.50 max)

**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. Selection Options Based on Admission Points

- |          |                       |
|----------|-----------------------|
| 40 to 48 | - First preference    |
| 30 to 39 | - Second preference   |
| 26 to 29 | - Possible alternates |
| Below 26 | - May not qualify     |

#### VIII. Notification of Acceptance

Applicants are selected based on the selective admission criteria. The program director and clinical coordinator review all applications. The program director will send a letter of acceptance to the selected applicants via regular mail or electronic mail as soon as the decision is made (by June 1<sup>st</sup>). The selected applicants must then notify the program of their intent to join. 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 also see the information for the Access Office in the Collin College Catalog). Requested accommodations will then be presented to the Student Affairs Committee for Respiratory Care to assess reasonableness of the accommodation.

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 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.

### **Drug Test**

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 prior to the start of any clinical assignment in any semester. For more information on the policies and procedures, please consult the Respiratory Care Student Handbook, available from the Program Director.

### **Criminal Background Check**

A criminal background check will be required of all students prior to entering the Respiratory Care 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.

### **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, but 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 by the program for respiratory care students.

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.

Students with expired TB tests will not be allowed to attend clinicals and will receive unexcused absences until results are submitted. (Students must be aware of the attendance policy for clinicals.)

8. Meningitis Vaccine: Exempt if over the age of 22 if you do not meet the exemptions or exceptions listed below then you will need to provide one of the following at least 10 days prior to the first day of the first semester. Please submit to the Admissions and Records Office (hand delivery, fax 972-548-6702, or scan and email to [admissions@collin.edu](mailto:admissions@collin.edu).) Include full name, DOB, and CWID.

- a physician signed or stamped form which shows the month, day and year the vaccination dose or booster was administered (student must have been vaccinated during the five-year period immediately preceding and at least 10 days prior to the first day of class)
- an official immunization record generated from a state or local health authority
- an official record received from school officials

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:				<b>12</b>

**FIRST YEAR****First Semester - Fall**

<b>Courses</b>		<b>Lecture hours</b>	<b>Lab Hours</b>	<b>Credit Hours</b>
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 1307	Cardiopulmonary Anatomy and Physiology	3	1	3
RSPT 1410	Respiratory Care Procedures I	3	4	4
Total Hours:				<b>10</b>

**Second Semester - spring**

<b>Courses</b>		<b>Lecture hours</b>	<b>Lab Hours</b>	<b>Credit Hours</b>
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 2217	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:				<b>15</b>

**Third Semester - summer**

<b>Courses</b>		<b>Lecture hours</b>	<b>Lab Hours</b>	<b>Credit Hours</b>
Note: <i>Italicized</i> courses represent "AAS core" courses.				
RSPT 2471	Respiratory Care Procedures III	3	3	4
RSPT 1362	Clinical III, Respiratory Care Therapist	0	16	3
Total Hours:				<b>7</b>

**SECOND YEAR****First Semester - Fall**

<b>Courses</b>		<b>Lecture hours</b>	<b>Lab Hours</b>	<b>Credit Hours</b>
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:				<b>11</b>

**Second Semester - Spring**

<b>Courses</b>		<b>Lecture hours</b>	<b>Lab Hours</b>	<b>Credit Hours</b>
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:				<b>12</b>
<b>GRAND TOTAL</b>				<b>66</b>

The student is required to receive a grade of "C" or better in all general academic 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
Tuesday and Thursday	08:00 AM – 1:30 PM
Monday or Wednesday	12:00 PM – 4:00 PM

#### Second Eight Weeks:

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

### Spring Semester First Year

Monday and Wednesday	08:00 AM – 11:20 AM
Tuesday and Thursday	07:00 AM – 3:00 PM
Monday or Wednesday	12:00 PM – 4:00 PM

### Summer

Monday and Wednesday, and Friday	07:00 AM – 3:00 PM
Tuesday and Thursday	09:00 AM – 4:00 PM

### Fall Semester Second Year

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

### Spring Semester Second Year

Monday and Wednesday	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 check the semester schedule online for current times and days.*

**Estimated Costs:** The following are approximate costs to be anticipated for the Respiratory Care Program.\*

Tuition	See Current Schedule	\$2772**
Lab Fees		\$140
Books	First Year/Second Year	\$600/\$350
Uniforms		\$80-\$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
Supplies	Clinical supplies	\$60
Credentialing Exams	End of School Year	\$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 2016-2017**

## PSB Exam Information

**Register early!** The exam has limited space and fills on a first-come, first-serve basis. Students may take the PSB for the Respiratory Care Program once in a 12 month period. PSB results are good for one year.

Steps to Schedule the exam:

1. Pay the cashier (Room D118R-Central Park Campus) a \$20 non-refundable test fee.
2. Reserve your testing date in the Health Sciences Division Office. (H201 at CPC in the new Health Science Building). Hours: M-F 8am to 5pm. You will receive an information packet at this time.
3. The test will be administered at the Collin College Central Park Campus in McKinney at the Testing Center in Room A109 (main building). Please have your student ID or Driver's License.
4. Please allow three hours to complete the exam. Instructions will be provided at the start of the exam.
5. If you miss the exam, you will need to re-register and resubmit the \$20 registration fee. The fee cannot transfer to another exam date after the test is given. Please plan carefully as there is no refund.
6. For questions call 214-491-6215.

## 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

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

**The National Board for Respiratory Care, Inc.**

www.nbrc.org  
18000 W. 105<sup>th</sup> Street  
Olathe, KS 66061  
(913) 895-4900

For the current list of CoARC-accredited educational programs for respiratory care education, visit online:

**Commission on Accreditation for Respiratory Care**

[www.coarc.com](http://www.coarc.com)  
1248 Harwood Rd.  
Bedford, TX 76021  
(817) 283-2235

For any information pertaining to the program:

**Director of Respiratory Care Program**

2200 W. University Drive Office H207  
McKinney, TX 75070  
(972) 548-6870

## The Programs

### Respiratory Therapist

This program is 22 months in length. The graduate receives an Associate of Applied Science degree in Respiratory Care. Upon graduation, the graduate is eligible to sit for the exams required by the National Board for Respiratory Care to become a Registered Respiratory Therapist (RRT). The therapist performs all the duties of the technician but has significantly more involvement in critical care units. 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 in education. Graduates of the therapist program have increased opportunities for employment due to their more extensive level of training. They have more opportunities for advancement and receive a higher salary.

### 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 2<sup>nd</sup> year coursework.

Graduates are awarded an AAS in Respiratory Care after completion of 1) all 2<sup>nd</sup> 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 <b>or SOCI 1301</b>
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 were 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. Apply for admission to the College
3. Send the official transcripts of all college work to admissions office
4. Meet with the academic advisor to evaluate transcripts for general courses and complete a program application.
5. Send the catalog and course descriptions of the student's current respiratory care program to the program director.
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 taken before in order to be equal with the Collin College program standards.