



Health Sciences Career and Academic Pathways (CAPs) Program Map: Certificate of Achievement for Respiratory Therapy

Total number of units: 53 units

Top Code/Academic Plan: 1210.00

Updated on September 22, 2021

Semester 1	Course Code	Course	Units	Notes	Advising Notes
Program Course	RESP TH 002	Fundamentals of Respiratory Therapy	4		Offered in the Fall semester only
Program Course	RESP TH 006	Respiratory Physiology	4		Offered in the Fall semester only
Program Course	RESP TH 021	Physics of Gas Therapeutics	3		Offered in the Fall semester only
Program Course	RESP TH 101	Survey of Respiratory Therapy	2		Offered in the Fall semester only

Total Units 13

Semester 2	Course Code	Course	Units	Notes	Advising Notes
Program Course	COMM 101 or 121	Public Speaking or Interpersonal Communication	3	COMM 101 or 121 must be completed before the start of second year (Clinical).	
Program Course	RESP TH 007	Applied Medicine and Pathology	3		Offered in the Spring semester only
Program Course	RESP TH 023	Advanced Respiratory Pathophysiology	1		Offered in the Spring semester only
Program Course	RESP TH 029	Neonatal and Pediatric Respiratory Therapy	4		Offered in the Winter or Spring semester
Program Course	RESP TH 030	Adult Critical Care Monitoring and Diagnostics	3		Offered in the Spring semester only

Total Units 14

Intersession	Course Code	Course	Units	Notes	Advising Notes
Program Course	RESP TH 015	Introduction to Clinical Experience	4		Offered in the Summer only

Total Units 4

Semester 3	Course Code	Course	Units	Notes	Advising Notes
Program Course	RESP TH 003	Applications of Respiratory Therapy and Clinical Experience I	5		Offered in the Fall semester only
Program Course	RESP TH 004	Applications of Respiratory Therapy and Clinical Experience II	5		Offered in the Fall semester only
Program Course	RESP TH 027	Physician Respiratory Care Clinical Rounds I	1		Offered in the Fall semester only

Total Units 11

Semester 4	Course Code	Course	Units	Notes	Advising Notes
Program Course	RESP TH 005	Application of Respiratory Therapy and Clinical Experience III	5		Offered in the Spring semester only

Semester 4	Course Code	Course	Units	Notes	Advising Notes
Program Course	RESP TH 011	Application of Respiratory Therapy and Clinical Experience IV	5		Offered in the Spring semester only
Program Course	RESP TH 028	Physician Respiratory Care Clinical Rounds II	1		Offered in the Spring semester only

Total Units 11

Degree Path and Requirements:

Respiratory Therapy, Certificate of Achievement. This map is a suggested term-by-term sequence of courses to complete the program in a recommended time frame. This is an efficient and recommended plan, but actual plans may vary by individual student need. This map cannot replace a meeting with [counselors](#). Students can apply for certificates as soon as the necessary courses are completed. Meet with a counselor and the financial aid office to ensure continued financial aid. Check with [financial aid](#) for eligibility.

Department Advising Notes:

PROGRAM ADMISSION PREREQUISITES: The following courses, demonstrating satisfactory completion with a grade of "C" or better, are required to apply for admission to the Program.

1. Human Anatomy (ANATOMY 001) = 4 semester units or BIO 00 (a combined course of Anatomy/Physiology,*** = 8 semester units)
2. Human Physiology (PHYSIOL 001) = 4 semester units***
or Biology 20 (a combined course of Anatomy/Physiology,*** = 8 semester units)
3. Introductory General Chemistry (CHEM 051 or 065) = 4 - 5 semester units
4. Intermediate Algebra or its Equivalent (MATH 125 or 125S, or 134) = 5-6 semester units
5. ENGLISH 101 (Freshman Composition) = 3 semester units
6. MICRO 001 or 020 (General Microbiology) = 4 - 5 Semester units***

***Course Recency Requirement: Students must have received a grade of "C" or better in PHYSIOL 001 and MICRO 020 or their equivalent within seven (7) years prior to the date of their program application. COMM 101, 121 or 151 is NOT a program admission prerequisite, but is a major requirement, and may be taken at any time prior to the start of the clinical phase of the program, but MUST be completed before clinical placement can be made.

Program Description

This program provides students with the strong academic foundation and clinical proficiency necessary to utilize modern respiratory devices (under the direction of a physician) in the complete treatment of cardiopulmonary diseases and other life-threatening conditions.

Career and Transfer Opportunities

Career Opportunities in the Respiratory Therapy Field:

- Registered Respiratory Therapist, RRT,
- Adult Critical Care Specialty, ACCS,
- Registered Pulmonary Function Technologist, RPFT,
- Neonatal/Pediatric Respiratory Care Specialist, NPS,
- Sleep Disorders Testing and Therapeutic Intervention Respiratory Care Specialist, SDS,
- Home Care RRT.

Source: Aug 6, 2019. [5 Career Opportunities in the Respiratory Therapy Field by FNU.](#)

Visit the [Transfer Center](#) for transfer information, which varies based on transfer college. Make an appointment with a [counselor](#). Students can visit [Career and Job Services](#) for career counseling and further exploration. For additional resources, students pursuing a certificate can visit the [American Job Center of California](#) on ELAC main campus.

Youtube Videos

[Respiratory Care](#)

Program Map

A suggested sequence of classes to complete a degree, certificate, or program of study. Students should consult an academic counselor for variations to this plan based on part-time or full-time status, transfer plans, pre-requisites needed, etc.

Prerequisite Course

A specific course that must be completed before advancing to the next course.

Check the online catalog at elac.edu for the latest and most accurate information.

Contact

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