

Respiratory Care Program Curriculum

Prerequisites

CHEM 143.....	5
AP 150.....	4 or 5

Required Non-Respiratory Courses

PSYCH 101 [1] General Psychology.....	3
MICRO 101 [2] Microbiology (Prerequisite to RSCR 242)	4

Required Respiratory Care Courses

Spring

RSCR 220 [1] Introduction to Respiratory Care Principles.....	5
RSCR 230 [1] Clinical 1.....	1

Fall

RSCR 222 [2] Basic Cardiopulmonary Anatomy & Physiology	3
RSCR 224 [2] Respiratory Care Theory 2.....	5
RSCR 232 [2] Clinical 2.....	3.5

Spring

RSCR 240 [3] Advanced Cardiopulmonary Physiology.....	4.5
RSCR 242 [3] Critical Care Procedures.....	4.5
RSCR 250 [3] Clinical 3.....	3.5

Summer – First Session

RSCR 244 [NP] Neonatal Pediatric Respiratory Care...	2
RSCR 251 [NP] Neonatal and Pediatric Clinical Practice	0.5

Summer – Second Session

RSCR 253 [NP] Neonatal and Pediatric Clinical Practice 2.....	0.5
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Fall

RSCR 246 [4] Current Issues in Respiratory Care...	3
RSCR 248 [4] Self Directed Study	0.5
RSCR 252 [4] Physician Rounds for Respiratory Care.....	0.5
RSCR 255 [4] Clinical 4.....	4.5
RSCR 257 [4] Clinical Preceptorship	2.5

Additional Requirements for Associate Degree

Demonstrated competence in Mathematics & Reading

Select from the Approved Course List (MJC-GE) in the MJC Catalog.

Activities	2
Guidance	0.5
Humanities.....	3
Language and Rationality	
D.1.	3
D.2.	3

Area E Health Education requirement is waived for Respiratory Care candidates.

Total Units for an A.S. Degree in Respiratory Care.....71.5 - 72.5

Scholastic Requirements

Continuation in the Respiratory Care Program is dependent upon completion of all courses with a C grade or better. If a student receives less than a C in any required course, that course must be repeated with a C or better in order to qualify for an A.S. degree.

Policy for Imposing Penalties or Denial of Licensure

The law provides for denial of licensure for crimes or acts, which may in any way be related to patient care activities, i.e. sex crimes, drug crimes, alcohol or drug abuse, and crimes of violence. In such cases, it is the applicant's responsibility to present sufficient evidence of rehabilitation to the Respiratory Care Board of California prior to taking the licensure examination. If the above violations are only misdemeanors, an in-house review and penalty determination may be performed and fines, warning letters, and/or probation may be issued without denial of a license. The Respiratory Care Board of California will screen applicants individually. Any student considering a career as a Respiratory Therapist who might be denied licensure is advised to consult the Disciplinary Guidelines (California Code of Regulations, 1399.374) published by the Respiratory Care Board of California before entering the program. This document is available on reserve in the MJC library. Further information on disciplinary guidelines may be obtained from:

Respiratory Care Board of California

444 North 3rd Street, Suite 270
Sacramento, CA 95814

Toll Free in California (866) 375 0386

<http://www.rcb.ca.gov/index.html>

Accuracy/Changes

The Yosemite Community College District and Modesto Junior College have made every effort to determine that everything stated in this brochure is accurate. Courses and programs are subject to change without notice by the head administration of the Yosemite Community College District or Modesto Junior College for reasons related to student enrollment, level of financial support, or for any reason at the discretion of the district and the College.

Academic Advising

It is recommended that you receive academic advising in order to prepare for the Respiratory Care Program. Please contact the program director at (209) 575-6388, during spring or fall semester, to schedule an advising appointment. It would be most beneficial to you if you would complete the following three steps prior to scheduling your advising appointment:

1. Submit an application to MJC
2. Take your Assessment Tests
3. Verify with the Records Office that your transcripts are on file.

Admissions

(209) 575-6853 East Campus, Student Center
West Campus, Yosemite Hall 147

Allied Health

(209) 575-6362 West Campus, John Muir Hall 258-V
Philip Labrador, (209) 575-6381

Child Care

(209) 575-6398 West Campus, John Muir Hall 157

Counseling Center

(209) 575-6080 Call for an appointment.
East Campus, Morris Memorial 103
West Campus, Yosemite Hall 147

Financial Aid

(209) 575-7700
West Campus, Yosemite Hall 147

Health Services

East (209) 575-6038
East Campus, Morris Memorial 108
West (209) 575-6360
West Campus, Yosemite Hall 114

Records Office

(209) 575-6018
East Campus, Morris Memorial 105

Testing Center

(209) 575-7728
West Campus, Yosemite Hall 142
Enter through Yosemite 147

The mailing address for all Modesto Junior College offices is:
435 College Ave., Modesto, CA 95350

Revised July 2010

Respiratory Care Program



Modesto Junior College
Allied Health
435 College Ave.
Modesto, CA 95350

www.mjc.edu

Program Description

The MJC Respiratory Care Program is a two year associate of science degree program to prepare students to sit for the State Board Respiratory Care Practitioner Exam. Graduates are also eligible for both certification and registration administered by the National Board for Respiratory Care.

The Respiratory Care Program of Modesto Junior College is accredited by the Commission on Accreditation for Respiratory Care (CoARC).

Commission on Accreditation for Respiratory Care

1248 Harwood Road
Bedford, Texas 76021-4244
(817) 283-2835
www.coarc.com

Program expenses vary for each individual. The estimated cost of the Respiratory Care Program is \$750 per semester, which includes enrollment and materials fees, health clearance, uniforms, books, and licensure examination. If you would like information on financial aid, call 575-7700.

The MJC Respiratory Care Program begins once a year in January. For additional program information, contact Allied Health, 575-6362. For academic advising, contact the Respiratory Care Program Director at 575-6381, the Clinical Director at 575-6388, or the MJC Counseling Office at 575-6080.

Career Opportunities

There are many employment opportunities in the field of Respiratory Care. The profession has grown quickly since its inception in the late 1940's and demand for Respiratory Care practitioners continues. In addition to the hospital, many respiratory care practitioners now work in home care programs, nursing homes, or doctors' offices. Salaries for a Respiratory Therapist range between \$24-26 per hour, plus benefits.

High School Preparation

High school classes recommended for students interested in a career in Respiratory Care include: algebra, biology, chemistry and English.

Program Eligibility and Preparation

Admission to Modesto Junior College

High school graduation is highly recommended, but not required.

Transcripts on file in the MJC Records Office

All transcripts must be on file in the MJC Records Office prior to the Program application deadline. Records Office will accept hand-carried transcripts that are in a sealed envelope with a school seal.

Required Math Competency for Acceptance into the Respiratory Care Program

- Eligibility for entrance into any 100-level MATH course through the MJC Assessment Process **or**
- Score of 3, 4, or 5 on AP Exam: Calculus AB **or** Calculus BC **or** Statistics **or**
- Completion of MATH 90 or higher level MATH course, or an equivalent course from another institution with a grade of C or higher (this option is **recommended** for those students who may eventually plan to earn a bachelor's degree or those planning to enter a bachelor's degree program).

Prerequisites

CHEM 143 Introductory College Chemistry..... 5 **and**
AP 150 Integrative Anatomy and Physiology (C or better).....4 **or** 5
(ANAT 125 **and** PHYSO 101, with a C or better, will be accepted in lieu of AP 150.)

Note: BIO 111 is a prerequisite for anatomy, physiology, and microbiology courses.

Prior to Enrolling in the Program

Students are strongly advised to complete the following 2 non-respiratory care required courses and the 5 additional graduation requirements prior to entering the Program.

PSYCH 101 General Psychology	3
MICRO 101 Microbiology	4
Activities	2
Guidance	0.5
Humanities.....	3
Language & Rationality	
D.1. English Composition:	
ENGL 101 Composition and Reading	3
D.2. Communication and Analytical Thinking (SPCOM 100 or 102 or 130 or CMPSC 201 recommended)	3

Most respiratory care jobs will include data entry into computer information systems. In addition, most of the respiratory courses will include use of the Internet and online computer testing. It is essential that respiratory care students are computer literate. Applicants who have a deficiency in this area are strongly advised to complete an introductory computer science or office administration course.

Desired Abilities

Ability to: learn and understand procedures; analyze large quantities of data and make recommendations; communicate effectively verbally and in writing; work accurately with numbers and detail; picture objects from drawings and descriptions and notice slight differences; make decisions using data, facts, and experience; work calmly and efficiently under stress; demonstrate flexibility, dedication, responsibility, honesty, compassion, and conscientiousness. Also requires above average manual dexterity, good vision and hearing, and the ability to stand for long periods of time.

Program Application

Students who have met/completed the requirements above may complete and submit a Respiratory Care Program Application to Allied Health within the application period:

August 1 through October 15

Selection Process

In order to be fully qualified for admission, applicants must have completed the program prerequisites with a grade of "C" or better at the time of application. In the event there are more qualified applicants than space available, a weighted lottery will be employed. An applicant's name will be entered an extra time for:

Microbiology - Completion of Microbiology 101 with a grade of "C" or better.

Psychology - Completion of Psychology 101 with a grade of "C" or better.

Science GPA - A grade point average (GPA) for chemistry, anatomy and physiology of 3.0 or better **or** a GPA for microbiology, chemistry, anatomy and physiology of 2.75 or better.

Degree Requirements - Completion of the MJC General Education requirements **or** a bachelor's degree.

Previously Qualified Applicant - Each previously qualified application to the MJC Respiratory Care Program.

Additional Requirements for Accepted Applicants Only

Accepted applicants will receive a letter with information regarding health clearance, criminal background check, drug screen and CPR certification.

Health Clearance

- A medical history and physical examination completed by a physician, physician's assistant, or nurse practitioner within 3 months prior to program start date. The physical must state that the applicant does not have any health conditions that would create a hazard to self, employees, or patients.
- Documentation of required immunizations.
- A negative PPD skin test must be obtained. If a positive reaction is obtained, or has previously been obtained, a chest x-ray must be taken unless medically contraindicated.

Criminal Background Check

All students participating in clinical assignments are required by acute care hospitals to complete a criminal background check and be cleared by the clinical facility in order to participate in the clinical experience.

Drug Screen

All students participating in clinical assignments may be required by acute care hospitals to pass a drug screen.

CPR Certification

CPR certification is not required in advance. It is offered as part of RSCR 220: Introduction to Respiratory Care Principles.