A.S. Degree: Respiratory Care

PROGRAM (209) 575-6362

The MJC Respiratory Care Associate Degree Program is a two-year program designed to prepare students for entrance into the practice of Respiratory Care. Upon completion of the program, graduates are eligible to take the National Board of Respiratory Care Therapist Multiple Choice Examination and the Clinical Simulations Examination allowing them to practice respiratory care nationally. Graduates are also eligible to apply for licensure with the State of California through the Respiratory Care Board for California. 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 $5000, approximately $2,500 per year, which includes enrollment and materials fees, health clearance, uniforms, books, and licensure examination. If you would like information on financial aid, call (209) 575-7700.

The MJC Respiratory Care Program begins once a year in August. If you have questions about program information, contact Allied Health, 575-6362 or visit the Allied Health website at www.mjc.edu/alliedhealth and search Respiratory Care Program. For academic advising, contact the Respiratory Care Program Director at 575-6388, the Director of Clinical Education at 575-6381, or the MJC Counseling Office at 575-6080. For information on the pilot Respiratory Care Baccalaureate Degree Program visit: http://www.mjc.edu/rcbachelors

ELIGIBILITY AND PREPARATION FOR THE RESPIRATORY CARE PROGRAM

- **Admission To Modesto Junior College**
- **High School Graduation is highly recommended but is not required.**
- **Transcripts on File in MJC Enrollment Services** All college transcripts must be submitted with the program application to Allied Health, prior to the program application deadline, unless the transcripts are already on file in the MJC Enrollment Services, Student Services Building 102, (209) 575-6853. We 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 MJC Assessment process OR
- Score of 3, 4, or 5 on AP Exam: Calculus AB or Calculus BC or Statistics
- Completion of MATH 89 or 90 or higher level MATH course, or an equivalent course from another institution with a grade of C or better
- Score of 5 on IB Exam: Mathematics HL

Bachelor’s degree holders are considered to have met this requirement.

PROGRAM PREREQUISITES

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
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</thead>
<tbody>
<tr>
<td>AP 150</td>
<td>Integrative Anatomy and Physiology 5 or</td>
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<tr>
<td>ANAT 125</td>
<td>Human Anatomy 4 and</td>
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<tr>
<td>PHYSO 101</td>
<td>Introductory Human Physiology 4</td>
</tr>
<tr>
<td>PSYCH 101</td>
<td>General Psychology 3</td>
</tr>
<tr>
<td>MATH 89</td>
<td>Intermediate Algebra for Non-STEM Majors 4 or</td>
</tr>
<tr>
<td>MATH 90</td>
<td>Intermediate Algebra for STEM Majors 5</td>
</tr>
<tr>
<td>ENGL 101</td>
<td>Composition and Reading 3</td>
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<tr>
<td>CHEM 143</td>
<td>Introductory College Chemistry 4</td>
</tr>
<tr>
<td>MICRO 101</td>
<td>Microbiology 4</td>
</tr>
</tbody>
</table>

* The program prerequisites for the fall 2018 program will be changing. You should complete all of the non-respiratory care required courses and the additional associate degree requirements prior to applying to the program in February, 2018.

PROGRAM APPLICATION

Students who have met/completed the requirements above may submit a Respiratory Care Program application during the application period:

**February 1-28**

PROGRAMS OFFERED

Applications are available on the Allied Health website (www.mjc.edu/alliedhealth) during the application period only. Applications may be submitted electronically, in person, or mailed, but must be received in the Allied Health office or postmarked by the application deadline.

SELECTION PROCESS

In order to be fully qualified for admission, applicants must have completed the program prerequisites with a grade of C or better on transcript at the time of application.

In the event that there are more qualified applicants than space available, a weighted lottery system will be employed. An applicant’s name will be entered an extra time for:

- **MICROBIOLOGY** - Satisfactory Completion of MICRO 101
- **PSYCHOLOGY** - Satisfactory completion of PSYCH 101
- **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** - If during the past three application periods you were a wait-listed applicant who was not selected for the Respiratory Care Program, your name will be entered an additional time for each application period.

If the number of fully qualified applicants falls short of the number of available openings, provisionally qualified students will be eligible for admission. Students who have one or both of the prerequisites in progress at time of application may be provisionally qualified for acceptance into the program based upon completing the prerequisites with a grade of C or better. On a space available basis, applicants who have completed CHEM 143 with a C or better, but have not completed the AP 150 prerequisite may enroll in RSCR 220 and AP 150 in the spring and if they pass both courses with a grade of C or better, they will be officially accepted into the program at the end of spring semester and will then enroll in RSCR 230 in the summer.

ADDITIONAL REQUIREMENTS FOR ACCEPTED APPLICANTS ONLY

Accepted applications will receive information on the clinical clearance process outlined below.
CLINICAL CLEARANCE

HEALTH CLEARANCE

- A medical history and physical examination completed by a physician, physician’s assistant, or nurse practitioner within 6 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.

BACKGROUND CHECK

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

DRUG SCREEN

All students participating in clinical assignments will be required to pass a drug screen.

BLS CERTIFICATION

The Respiratory Care Program will offer a Health Care Provider BLS class from the American Heart Association (AHA) for all accepted applicants. Students are required to purchase an AHA BLS for Healthcare textbook.

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 may, upon faculty approval, be repeated. A grade of C or better if required in order to qualify for a Certificate of Completion.

POLICY FOR IMPOSING PENALTIES FOR 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, 1399.370) published by the Respiratory Care Board of California before entering the program. Further information on disciplinary guidelines may be obtained from:

Respiratory Care Board of California
3750 Rosin Court, Suite 100
Sacramento, CA 95834
(916) 999-2190
(866) 375-0836

PROGRAM ADVISORY

The program prerequisites for the fall 2018 program will be changing. You should complete all of the non-respiratory care required courses and additional associate degree requirements prior to applying to the Respiratory Care Program.

A.S. DEGREE: RESPIRATORY CARE

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:

1. Evaluate habits, interests, and attitudes which promote lifelong learning.
2. Demonstrate knowledge and clinical skill in Respiratory Care.
3. Competently perform all duties and functions which may be delegated to registered respiratory care practitioners in an ethical manner.
4. Successfully pass the National Board for Respiratory Care (NBRC) Therapist Multiple Choice Exam (TMC) and Clinical Simulation (CSE) Exam as a Registered Respiratory Care Practitioner (RRT) and be eligible for licensure in the State of California.

REQUIRED COURSES (RESPIRATORY CARE)

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

[SECOND SEMESTER]
RSCR 224  [2]  Respiratory Care Theory 2 ......................................................... 5
RSCR 223  [2]  Clinical 2 .................................................................................. 3.5

[THIRD SEMESTER]
RSCR 250  [3]  Clinical 3 .................................................................................. 3.5

[SUMMER – FIRST SESSION]
RSCR 244  [4]  Neonatal-Pediatric Respiratory Care ...................................... 2
RSCR 251  [4]  Neonatal and Pediatric Clinical Practice I ................................. 0.5

[SUMMER – SECOND SESSION]
RSCR 253  [NP]  Neonatal and Pediatric Clinical Practice II .......................... 0.5

[FOURTH SEMESTER]
RSCR 246  [NP]  Current Issues in Respiratory Care ...................................... 3
RSCR 252  [NP]  Physician Rounds for Respiratory Care ................................. 0.5
RSCR 255  [NP]  Clinical 4 ............................................................................ 4.5
RSCR 257  [NP]  Clinical Preceptorship .......................................................... 2.5

TOTAL UNITS IN A.S. MAJOR ........................................................................ 43.5

To earn an Associate in Science degree in Respiratory Care, the student must complete the requirements detailed in the Career Technical Education Pathway (p. 109) or the University Preparation Pathway (p. 103) in addition to the Respiratory Care coursework. Consult with an advisor for selection of courses.

TOTAL UNITS REQUIRED IN A.S. DEGREE .................................................. 66.5-70.5

*The Health Education requirement has been waived for all Allied Health certificates and degrees.
* General education requirements for students planning to enroll in the Baccalaureate Degree Program should follow the CSU-GE or IGETC Transfer Pattern.
**B.S. Degree: Respiratory Care**

**PROGRAM**

(209) 575-6362

The MJC Respiratory Care Baccalaureate Degree Program is designed to increase the preparation and technical expertise of respiratory care practitioners. Program graduates will be prepared to serve in leadership roles, education roles, and care management roles related to patient care in the field of respiratory care. Students will acquire advanced knowledge and skills in neonatal, pediatric, and adult critical care; management skills in respiratory care settings; advanced clinical practice, teaching, and research skills to serve as members of multidisciplinary teams.

**PROGRAM OVERVIEW**

The MJC Respiratory Care Baccalaureate Degree Program will be delivered in an accelerated format. The required program courses (40 units), will be offered in an 8-week hybrid format with a combination of online and face-to-face classwork. Students will attend classes at MJC one night each week for the face-to-face portion of the course.

**PROGRAM COSTS**

Upper division courses for the baccalaureate degree will cost $130 per unit. An additional $217 per unit will be assessed for Non-California residents. The total estimated cost is approximately $10,000 less than a baccalaureate degree for a California resident from an average four-year university.

The MJC Respiratory Care Program begins once a year in the fall semester. If you have questions about the program, contact Allied Health, (209) 575-6362 or visit the Respiratory Care Baccalaureate Program Degree website. For academic advising, contact the Respiratory Care Program Director at 575-6388, the Director of Clinical Education at 575-6381, or the MJC Counseling Office at 575-6080.

**PROGRAM ELIGIBILITY REQUIREMENTS**

- Admission to Modesto Junior College
- Possession of an associate degree
- Graduate of a CoARC accredited Respiratory Care Program
- Possession of a Registered Respiratory Therapist (RRT) credential
- Possession of a valid California Respiratory Care Practitioner (RCP) license
- Completion of the 39 required CSU-GE Transfer Pattern units

(CSU-GE Certification)

Transcripts on File in MJC Enrollment Services: All college transcripts must be submitted to the Admissions and Records office, prior to the program application deadline, unless transcripts are already on file in the MJC Enrollment Services, Student Services Building 102, (209) 575-6853. We will accept hand-carried transcripts that are in a sealed envelope with a school seal.

**DEGREE REQUIREMENTS**

To receive a Bachelor of Science degree in Respiratory Care, students are required to complete a minimum of 120 units including 39 lower division CSU-GE transfer courses and 40 units of upper division coursework in respiratory care.

A statistics course (MATH 134 or SOCI 105 or equivalent) is required to meet B.4. Mathematics and Quantitative Reasoning Capstone area of the CSU-GE Transfer Pattern.

Program participants are encouraged to take a statistics course before beginning the program.

**PROGRAM LOWER DIVISION REQUIREMENTS**

Associate Degree in Respiratory Care 43.5 units

**COMPLETION OF LOWER DIVISION COURSEWORK THAT LEADS TO A CO-ARC ACCREDITED ASSOCIATE DEGREE IN RESPIRATORY CARE**

| General Education (CSU-GE) | 39 units |
| AREA A: English Language Communication and Critical Thinking | 9 units |
| AREA B: Scientific Inquiry and Quantitative Reasoning | 9 units |
| AREA C: Arts and Humanities | 9 units |
| AREA D: Social Sciences | 9 units |
| AREA E: Lifelong Understanding and Self-Development | 3 units |

*NOTE: Coursework completed at another educational institution will need to be verified by a CSU-GE certification completed by the College where coursework was completed.

**PROGRAM UPPER DIVISION REQUIREMENTS**

Respiratory Care Major Coursework 40 units

| RSCR 405: Healthcare Leadership and Operations Management I | |
| RSCR 406: Healthcare Leadership and Operations Management II | |
| RSCR 410: Critical Review of Healthcare Research | |
| RSCR 415: Disease Management and Healthcare Promotion | |
| RSCR 416: Education and Teaching Strategies | |
| RSCR 420: Advanced Pharmacology and Critical Care | |
| RSCR 421: Advanced Neonatal and Pediatric Critical Care | |
| RSCR 425: Pulmonary Diagnostics, Rehabilitation and Sleep | |
| RSCR 430: Capstone Research | |

General Education

| PSYCH 400: Stress, Illness, and Death | |
| SOCIO 400: Medical Sociology: Health and Diversity | |
| PHILD 400: Medical and Bioethics | |
| COMM 400: Organizational Behavior | |

**PROGRAM APPLICATION**

Applications are available on the Respiratory Care Baccalaureate Degree Program website during the application period only. Applications may be submitted online. If applicants are not currently MJC students, they must apply to the college. Information regarding the Respiratory Care Baccalaureate Degree Program is available on the program's website at http://www.mjc.edu/rcbachelors.

**SELECTION PROCESS**

One cohort of 40 students will be admitted into the program each fall semester. Program participants will be selected through a lottery system after review of applicant's eligibility.

**SCHOLASTIC REQUIREMENTS**

Continuation in the Respiratory Care Baccalaureate Degree 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 a Bachelor's degree.

**B.S. DEGREE: RESPIRATORY CARE**

**PROGRAM LEARNING OUTCOMES**

Upon satisfactory completion of this program, the student should be prepared to

1. Perform the duties and functions of an advanced practitioner in neonatal, pediatric, and adult critical care.
2. Meet program-defined criteria related to management, advanced clinical practice, teaching, research, professional service and other professional development metrics.
3. Participate as a multidisciplinary team member in patient education and disease management of acute and chronic illnesses.
4. Integrate professional and ethical behavior with enhanced communication skills required for practice within the diverse field of respiratory care.
5. Successfully pass professional credentialing exams including: Adult Critical Care Specialist, Neonatal and Pediatric Specialist, Asthma Educator (NAEB), and the Registered Pulmonary Function Technician national board exams.

PROGRAM REQUIREMENTS

FALL SEMESTER
SOCIO 400 [1] Medical Sociology: Health and Diversity .........................3
RSCR 415 [1] Disease Management and Healthcare Promotion ..............3
RSCR 416 [1] Education and Teaching Strategies for Healthcare Professionals .3

SPRING SEMESTER
RSCR 425 [2] Pulmonary Diagnostics, Rehabilitation, and Sleep .............3

SUMMER SESSION
PHILO 400 [3] Medical and Bioethics .............................................3

FALL SEMESTER

TOTAL UNITS FOR B.S. IN RESPIRATORY CARE MAJOR .................. 40
TOTAL UNITS FOR A.S. IN RESPIRATORY CARE MAJOR ................. 43.5
TOTAL UNITS FOR GENERAL EDUCATION CSU-GE ......................... 39
TOTAL DEGREE UNITS ................................................................. 122.5

For more information on the pilot Respiratory Care Baccalaureate Degree Program visit: http://www.mjc.edu/rcbachelors

CERTIFICATE OF ACHIEVEMENT:

RETAIL MANAGEMENT (WAFC)

The Retail Management Certificate Program is designed for individuals who are interested in or are currently employed in the retail industry and seek advancement into a managerial position in that field. Course work includes: management, written and oral business communication, accounting, marketing, human relations and resource management, leadership, computer applications and retail management. The Retail Management Certificate is available to all students; however, individuals who are currently employed by a participating WAFC (Western Association of Food Chains) Retailer/Wholesaler are also eligible to receive a WAFC Retail Management Certificate from their employer. These students should contact the HR department of their employer and/or visit www.wafc.com for further details.

PROGRAM LEARNING OUTCOMES

Upon satisfactory completion of this award, the student should be prepared to:

1. Recognize and analyze ethical issues as they apply to the retail selling environment.
2. Obtain employment in a retail management position.
3. Apply communication strategies for retail selling environment.

To earn a Certificate of Achievement, the student must complete the following coursework. Each course must be completed with a grade of “C” or better. Interested students should consult Business Administration faculty advisors.

REQUIRED COURSES - COMPLETE 8 (OR 9) COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BUSAD 377</td>
<td>3</td>
<td>Human Relations in Business</td>
</tr>
<tr>
<td>CSCI 201</td>
<td>3</td>
<td>General Computer Literacy</td>
</tr>
<tr>
<td>BUSAD 240</td>
<td>3</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>BUSAD 245</td>
<td>3</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BUSAD 274</td>
<td>3</td>
<td>Human Resources Management</td>
</tr>
<tr>
<td>BUSAD 201</td>
<td>3</td>
<td>Financial Accounting</td>
</tr>
<tr>
<td>BUSAD 210</td>
<td>3 OR</td>
<td>Business Communication</td>
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<tr>
<td>ENGL 101</td>
<td>3 AND</td>
<td>Composition and Reading</td>
</tr>
<tr>
<td>COMM 100</td>
<td>3 OR</td>
<td>Fundamentals of Public Speaking</td>
</tr>
<tr>
<td>COMM 102</td>
<td>3</td>
<td>Introduction to Human Communication</td>
</tr>
<tr>
<td>BUSAD 246</td>
<td>3</td>
<td>Retail Management</td>
</tr>
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TOTAL UNITS FOR CERTIFICATE OF ACHIEVEMENT AWARD ................... 25-28

Retail Management
(WAFC) PROGRAM
(209) 575-6129

The Retail Management Certificate Program is designed for individuals who are interested in or are currently employed in the retail industry and seek advancement into a managerial position in that field. Course work includes: retail store management, information systems, business mathematics, workplace writing, accounting, human resource management, marketing and business communications. Certificates are awarded to students in recognition of completion of specified requirements, which indicate proficiency. All certificate Required Courses must be passed with a “C” grade or better. Interested students should consult division advisors.