

# *San Joaquin Valley College*

## Course Syllabus

|  |  |
|--|--|
| <b>Course:</b>   | RT 30: Principles of Respiratory Care              |
| <b>Total Semester Units:</b>   | 7.0  |
| <b>Instructor:</b><br><b>Advising Times:</b><br><b>Phone:</b><br><b>Email:</b>   |  |
| <b>Class Schedule:</b>   | Insert Days, Dates and Time of Class               |
| <b>Textbook(s):</b>  | Insert Text Information from Current Textbook List |
| <p><b>Course Description:</b><br/>The focus of this course is management of the airway and mechanical ventilation. Topics include endotracheal intubation, advanced airway management, resuscitation devices, invasive and non-invasive ventilation, tracheostomy care, and initiation, monitoring, managing, and discontinuation of mechanical ventilation. Students will apply hemodynamics to positive pressure ventilation.</p>  |  |
| <p><b>Course Learning Outcomes</b><br/><b>Upon completion of this course, the student will be able to:</b></p> <ol style="list-style-type: none"> <li>1. Explain the principles, indications, hazards, and monitoring of positive pressure devices</li> <li>2. Associate changes in hemodynamic values with the delivery of therapeutic positive pressure</li> <li>3. Describe chest diagnostic procedures used in the critical care setting and interpret results</li> <li>4. Describe mechanical ventilation devices, accessories, monitoring and record keeping, troubleshooting, and techniques of weaning</li> <li>5. Modify ventilator modes and settings such as PEEP, CPAP, BiPAP, pressure support ventilation, pressure control ventilation, SIMV and HFV based on disease process</li> <li>6. Demonstrate airway management and the proper use of artificial airway adjuncts</li> <li>7. Set up, operate, and manage mechanical ventilators</li> <li>8. Discontinue mechanical ventilation</li> <li>9. Perform laboratory exercises including initiation of mechanical ventilation; monitoring mechanical ventilation; changing a ventilator circuit; PEEP; CPAP; IMV; and IMV with CPAP; pressure support</li> </ol> |  |
| <p><b>Grade Item Weights</b></p> <ul style="list-style-type: none"> <li>• 5% Projects / Homework</li> <li>• 10% Quizzes</li> <li>• 15% Skills</li> </ul>   |  |

# San Joaquin Valley College

## Course Syllabus

- 60% Exams
- 10% Professional Development

### Projects / Homework:

Enter a brief description of type and number of assignments here.

### Quizzes:

### Skills:

### Exams:

### Professional Development:

Our campus is a professional training ground for students who will soon enter the workplace. As such, this instructor will reward students who model professionalism in appearance and attitude. As a student in my class, your best efforts are expected every day and Professional Development points can be earned by.....

*Points earned in the course are converted to the percentage and letter grade as shown in the chart below for final grades and transcripts.*

|                 |   |             |   |          |
|-----------------|---|-------------|---|----------|
| <b>90</b>       | - | <b>100%</b> | = | <b>A</b> |
| <b>80</b>       | - | <b>89%</b>  | = | <b>B</b> |
| <b>70</b>       | - | <b>79%</b>  | = | <b>C</b> |
| <b>65</b>       | - | <b>69%</b>  | = | <b>D</b> |
| <b>Below 65</b> |   |             | = | <b>F</b> |

**RT students must pass this course with 70% or better for credit in the course and to move to the next term.**

# *San Joaquin Valley College*

## Course Syllabus

**NOTE:** Students may be required to submit course paperwork through Plagiarism Checker. Plagiarism Checker checks student work for originality which may help improve citation and/or avoid potential plagiarism.

# San Joaquin Valley College

## Course Syllabus

| <b>Weekly Outline of Curriculum</b> |                         |              |                                     |
|-------------------------------------|-------------------------|--------------|-------------------------------------|
| <b>Week 1</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 1<br>date                       |                         |              |                                     |
| Day 2<br>date                       |                         |              |                                     |
| <b>Week 2</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 3                               |                         |              |                                     |
| Day 4                               |                         |              |                                     |
| <b>Week 3</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 5                               |                         |              |                                     |
| Day 6                               |                         |              |                                     |
| <b>Week 4</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 7                               |                         |              |                                     |
| Day 8                               |                         |              |                                     |
| <b>Week 5</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 9                               |                         |              |                                     |
| Day 10                              |                         |              |                                     |
| <b>Week 6</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 11                              |                         |              |                                     |
| Day 12                              |                         |              |                                     |
| <b>Week 7</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 13                              |                         |              |                                     |
| Day 14                              |                         |              |                                     |
| <b>Week 8</b>                       | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 15                              |                         |              |                                     |
| Day 16                              |                         |              |                                     |

*San Joaquin Valley College*  
Course Syllabus

|                |                         |              |                                     |
|----------------|-------------------------|--------------|-------------------------------------|
| <b>Week 9</b>  | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 17         |                         |              |                                     |
| Day 18         |                         |              |                                     |
| <b>Week 10</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 19         |                         |              |                                     |
| Day 20         |                         |              |                                     |
| <b>Week 11</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 21         |                         |              |                                     |
| Day 22         |                         |              |                                     |
| <b>Week 12</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 23         |                         |              |                                     |
| Day 24         |                         |              |                                     |
| <b>Week 13</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 25         |                         |              |                                     |
| Day 26         |                         |              |                                     |
| <b>Week 14</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 27         |                         |              |                                     |
| Day 28         |                         |              |                                     |
| <b>Week 15</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 29         |                         |              |                                     |
| Day 30         |                         |              |                                     |
| <b>Week 16</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 31         |                         |              |                                     |
| Day 32         |                         |              |                                     |
| <b>Week 17</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |

*San Joaquin Valley College*  
Course Syllabus

|                |                         |              |                                     |
|----------------|-------------------------|--------------|-------------------------------------|
| Day 33         |                         |              |                                     |
| Day 34         |                         |              |                                     |
| <b>Week 18</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 35         |                         |              |                                     |
| Day 36         |                         |              |                                     |
| <b>Week 19</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 37         |                         |              |                                     |
| Day 38         |                         |              |                                     |
| <b>Week 20</b> | <b>Daily Objectives</b> | <b>CLO #</b> | <b>Assignments &amp; Activities</b> |
| Day 39         |                         |              |                                     |
| Day 40         |                         |              |                                     |

# *San Joaquin Valley College*

## Course Syllabus

### **Institutional Classroom Standards**

As a working professional, you will have policies and procedures on the job. In preparing you for a future as a successful professional, the college expects students to follow policies as presented in the *Student Handbook* and the *College Catalog*. In addition, your classroom experience is structured to prepare you for a successful career. The following are examples of how your classroom experience relates to and influences those skills and behaviors required of professionals:

- A. As a professional, you are expected to follow a dress code. At SJVC you will dress for success. In all classes, including General Education courses, students are expected to follow their program dress codes.
- B. As a professional, you are required to be present and punctual every day. Just as you would give notification at work, you are to contact your instructor ahead of class time if absence or tardiness is unavoidable.
- C. On the job, you are expected to complete work on time. Your training for meeting deadlines begins now:
  - i. Missed deadlines for homework and projects may affect your grade with either a 10% reduction in points or no credit.
  - ii. Missed quizzes may not be taken.
  - iii. Missed midterms or final exams, however, may be taken in accordance with college policy.
- D. As an employee, you are expected to conduct yourself with integrity. In your class work you are expected to fulfill the principles and standards of academic integrity. Cheating or plagiarism on tests or assignments is cause for formal disciplinary action.
- E. On the job your performance must be exceptional. The expectation at school is the same. To help improve classroom performance students who score below 70% on quizzes or assignments should attend tutoring sessions to review the material or skills missed.
- F. As an employee, you are expected to show respect for your supervisors, fellow employees, and clients by silencing your cell phone and appropriately using other electronic devices. Students are expected to show the same respect in class.
- G. Students may bring water into the classroom only in a screw cap bottle; no food is allowed.

CHANGE is the only constant in life. The professional environment can be unpredictable with changing deadlines, meetings, and demanding customers. Be flexible and adaptable.

This syllabus is only a guideline and subject to change.