



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Critical Care  
**Course Number:** RCT126

### Required Materials

**Textbook(s):** Chang, D. W., White, G. C., Waugh, J. B., & Restrepo, R. D. (2021). *Respiratory critical care*. Jones & Bartlett Learning.

**Required Readings:** See weekly calendar below.

**Additional Materials:** Course/Lab materials which can be purchased in the college bookstore.

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Semester Week	Topic/Chapter
<b>Week 1</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 5, Initiating Mechanical Ventilation</li> <li>○ Chang- Chapter 1, Principles of Mechanical Ventilation</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 1 PPT</li> </ul>
<b>Week 2</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 6, Monitoring in Mechanical Ventilation</li> <li>○ Chang- Chapter 8, Mangement of Mechanical Ventilation</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 2 PPT</li> </ul>
<b>Week 3</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 8, Mangement of Mechanical Ventilation</li> <li>○ Chang- Chapter 2, Classification of Mechanical Ventilation</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 2 PPT cont.</li> <li>○ Week 3 PPT</li> </ul>
<b>Week 4</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 3, Modes of Mechanical Ventilation</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 4 PPT</li> </ul>

Semester Week	Topic/Chapter
	<ul style="list-style-type: none"> <li>○ Midterm Exam Review</li> </ul>
<b>Week 5</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 10, Pharmacotherapy in Critical Care</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 5 PPT</li> </ul>
<b>Week 6</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 11, Weaning from Mechanical Ventilation</li> <li>○ Chang- Chapter 7, Waveform Analysis and Application</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 6 PPT</li> </ul>
<b>Week 7</b>	Read: <ul style="list-style-type: none"> <li>○ Chang- Chapter 7, Waveform Analysis and Application</li> <li>○ Chang- Chapter 13, Medical Critical Care Issues (pages 242-249 only)</li> <li>○ Chang- Chapter 15, Critical Care Guidelines and Bundles (pages 295-301 only)</li> </ul> Review: <ul style="list-style-type: none"> <li>○ Week 6 PPT cont.</li> <li>○ Week 7 PPT</li> </ul>
<b>Week 8</b>	<ul style="list-style-type: none"> <li>○ Final Exam Review</li> </ul>