

## Respiratory Care Advisory Board Meeting Minutes

Date: 8/14/23

Time: 9:00 am

Location: ZOOM

Attendance: Jason Ramsey, Susan Pearson, Julia Sehy, Kim Leonard, Zaundra Lipscomb, Chrysalis Ashton, Nikhil Brueggmann, Matt Cochran, Sarah Hartenburg, Kristi Holmes, John Butler, Michelle Swanson, Terri McDonald

Topic	Discussion:	Action
1. Call to Order	9:00 a.m. This is a limited AB meeting to discuss curriculum changes. Representatives from the clinical affiliates, lab instructors, current students and graduates were invited to this meeting.	
2. Historical Context	KVCC went from a 16 to 15 to 14-week semesters which resulted in some challenges to cover the same content with more contact hours. The days are very long for both students and faculty.	
3. Current Curriculum Challenges	<p><b>Fall 2<sup>nd</sup> year:</b></p> <p><b>Ventilator Boot Camp-RCP 200 (Class/lab):</b> This camp was originally 8 weeks but has been reduced to 6 weeks. Students often get lost in this class and it follows them through graduation. This course focuses on introduction to mechanical ventilation, intubation and APRV (advanced mode).</p> <p><b>RCP 210 (Class/Lab/Clinic)</b> runs the last 8 weeks of the fall semester. This is a class/lab and clinical course all worth 9 credits. Class/lab covers both advanced adult critical care and Neonatal. Clinical is Adult ICU. Faculty feel mixing neonatal and adult CC in the same course not the best for student learning. There is very little time to cover the adult Critical Care Concepts and Advanced ventilator modes.</p>	

Topic	Discussion:	Action
	<p><b>Winter (Spring) 2<sup>nd</sup> year:</b> RCP 225 is class/lab/clinical course that runs 12 weeks. Class/Lab covers more Neo/Ped and Neo lab practical and is very heavy on adult critical care concepts such as chest tubes, Bronchs, IAPB, hemodynamic and ACLS, etc.</p>	
4. Summer Learning Loss	<p>There are no RCP classes during the summer in the current curriculum. Students are out of the classroom from the end of April until the first week in September (~4 months). They are out of the clinic from the end of April until mid- October (5 ½ months). The feedback the program has received from our recent accreditation site visit, AB, graduates and students is that they feel this is too long of a pause in learning.</p>	
5. Proposed changes Summer Session	<p>Add a summer course. New course would be the introduction to mechanical ventilation over 8 weeks. This would help curriculum flow better, help with the learning gap, and allow more time for students to learn this very difficult content. This makes for a smoother start to the fall semester, allows for more time for clinical, and will make scheduling specialty rotations easier</p>	
6. Miscellaneous	<ol style="list-style-type: none"> <li>1. The program cannot add more credits. The total program credits currently are 77.</li> <li>2. Curriculum sequencing would be changed but the overall program credits would stay the same.</li> <li>3. Credits would be distributed as 12 credits for first, second, and third semesters. The summer semester would be 3 credits and the fourth semester would be 9 credits.</li> <li>4. Students receive financial aid with a minimum of 12 credits. However, many students are already working towards the end of the program and most will probably not have financial challenges. The college does have means to help support them if needed with other scholarships.</li> <li>5. Courses with Class, Lab and clinic would be separated into two courses. One course for class &amp; Lab and the clinical portion would be a separate course.</li> </ol>	

Topic	Discussion:	Action
	<p>6. The program faculty would like to separate neo- peds content into its own course. Neo-Peds is a specialty area and faculty feel it would benefit student learning to have adult critical care as a separate course and neo-peds as its own course.</p>	
7. Discussion	<ol style="list-style-type: none"> <li>1. John asked to clarify what would be taught in the summer 8 weeks course It would limited to just introductory mechanical ventilation, basic modes, vent check, set-up and intubation. The advanced modes would not be taught in this course.</li> <li>2. Intubation rotations could start in the fall semester if BBC can accommodate the students. Students would have to complete an orientation first, possibly in the new summer course.</li> <li>3. Clinicals for fall would run 12 weeks (instead of 8) and this gives more time in ICU and it get the students into clinical sooner than in the current curriculum.</li> <li>4. Great to have more time with students.</li> <li>5. Question from Chrysalis: which course does home care vents get taught?             <ol style="list-style-type: none"> <li>a. Most probably during the summer intro to vents course</li> <li>b. Chrysalis volunteered to help with teaching and providing vents.</li> <li>c. Home care rotation would be moved to the fall 2<sup>nd</sup> year after they have been taught home care vents. This will be an improvement from the current curriculum</li> </ol> </li> <li>6. Consensus was to run the summer course during the first 8 weeks (instead of last 8 weeks). Having a class in the summer s a big improvement. It helps lighten up vent book camp. Seems like two big positives that will come out of these changes.</li> <li>7. Jason: This will give us more flexibility for clinical schedule.</li> <li>8. The more that can be done over the summer, will help tremendously. I like the way the new schedule sounds.</li> </ol>	

Topic	Discussion:	Action
	<p>9. So much more time for students to process all of the information.</p> <p>10. Nik: Positive to lighten the “boot camp” and have all the neo in one class. This will help with student understanding.</p> <p>11. Having Neo/peds completed in the 2<sup>nd</sup> fall semester will allow Neo-peds Clinical rotations to start the end of the fall semester.</p>	
<p>8. Additional Feedback/Comments</p>	<p>The Zoom meeting is recorded. Susan will share the zoom link with everyone to allow those that cannot be present today an opportunity to provide comments or feedback. Susan will include a copy of the draft curriculum changes when she emails the zoom link.</p> <p>Kristi asked if the draft plans could include a brief course description instead of just a course number.</p>	<p>Susan will update the draft curriculum file to include a course descriptions.</p> <p>Susan requested feedback from AB via email discussion by Tuesday 8/22.</p>
<p>9. Fit Testing for N-95 Masks</p>	<p>Pre-COVID – students were fit tested at the college with 3M 95 masks. Currently students are fit tested at Bronson with the Haylard mask. The KVCC health division is slowing repurchasing fit-test equipment and has the following masks:</p> <ul style="list-style-type: none"> <li>3M Aura 1870</li> <li>3M 1860</li> <li>3M 1860s</li> <li>DT-N95-FHS (Demetech)</li> <li>9500-N95 (Makrite)</li> <li>L-188 (NIOSH Harley)</li> <li>DF300N95 (Honeywell)</li> </ul> <p>Susan asked if everyone could provide her the type of N95 mask used at their hospital. Fit testing will be discussed at the next advisory board meeting or sooner if indicated.</p>	<p>Susan asked for RCP Manager/educators to email her by 8/22 with the brand/style N95 masks used at their hospital.</p>

Topic	Discussion:	Action
10. Handbook Changes	<p>Health Careers program directors have been working together for the past year on a creating combined health careers handbook. All the common policies are now standardized.</p> <p>Jason and Susan have been working on updating the respiratory specific policies. Decisions about policy changes were made after researching other RT program policies and reviewing the other KVCC health career program policies Some of the policies were just reworded to be clearer, and others have changed. Some of the changes are dealing with the professionalism components. The changes will be in effect for fall 2023 for both first- and second-year students.</p>	Susan will send a link to new handbook once it is posted on the website.
11. Adjournment	10:02 a.m.	

# KVCC RCP Program: Strategy Change Sample Schedule Draft 5

## Fall 1<sup>st</sup> Year Class

Monday	Tuesday	Wednesday	Thursday	Friday
RCP 106 Class 8:30 – 11:40			RCP 100 Class 8:30 – 11:40 a.m.	RCP 100 Lab Group 1 8:30 – 11:25 a.m.
Lunch			Lunch	Lunch
RCP 107 Class 1:00 – 3:40 p.m.			RCP 107 Class 1:00 – 3:40 p.m.	RCP 100 Lab Group 2 12:30 – 3:25 p.m.

## Fall 2<sup>nd</sup> Year

Monday	Tuesday	Wednesday	Thursday	Friday
Clinical II- ICU Group 1 Last 12 weeks 12hr (Adult ICU, and Neo/Peds the last 4 wks. Specialty rotations: Home Care rotation, Intubation, Sleep)	Clinical II – ICU Group 1 Last 12 weeks 12hr		Clinical II – ICU Group 2 Last 12 weeks 12hr (Adult ICU, and Neo/Peds the last 4 wks. Specialty rotations: Home Care rotation, Intubation, Sleep)	Clinical II- ICU Group 2 Last 12 weeks 12hr
	(New) Adult Critical Care Lab – Group 2 14 weeks 9:00 – 11:55	(New) Adult Critical Care Class 14 weeks 9:00 – 11:55 (Advanced vent modes & wave forms, oxygenation & lung recruitment, chest tubes Hemo, DX Procedures)	(New) Adult Critical Care Lab Group 1 14 weeks 9:00 – 11:55	
	Lunch	Lunch	Lunch	
	(New) Neo/Peds Lab Group 2 First 12 weeks 1:00 – 3:30	(New) Neo/Peds Class First 12 weeks 1:00 – 2:25	(New) Neo/Peds Lab Lab Group 1 First 12 weeks 1:00 – 3:30	

# KVCC RCP Program: Strategy Change Sample Schedule Draft 5

## Summer 2<sup>nd</sup> year

Summer of 2024:

1<sup>st</sup> 8 weeks start Monday May 6<sup>th</sup> and end June 27<sup>th</sup>

~~Last 8 weeks starts June 18<sup>th</sup> and ends August 15<sup>th</sup> No classes on July 2-4<sup>th</sup> (summer recess)~~

Monday	Tuesday	Wednesday	Thursday	Friday
8 weeks	(New) Intro to Vents Lab Group 1 8:30 – 11:00		(New) Intro to Vents Lab Group 1 9:45 – 10:55	
	Lunch 11:00 – 12		Lunch 11:00 – 12	
	(New) Intro to Vents Class 12:00 – 1:10		(New) Intro to Vents Class 12:00 – 1:10	
	(New) Intro to Vents Lab Group 2 1:30 – 4:00		(New) Intro to Vents Lab Group 2 1:30 – 4:00	

# KVCC RCP Program: Strategy Change Sample Schedule Draft 5

## Winter 1<sup>st</sup> year

Monday	Tuesday	Wednesday	Thursday	Friday
<b>(New) Therapeutics Chronic care &amp; NIV Class</b> (Content: CPT, PFT, Rehab, Home Care, Cardiac Rehab, Emergency Response & NIV)	<b>Clinical I Group 1</b> Last 12 weeks clinic 12 hr First 2 weeks orientation (Content: Floor Care, Trach care, PFT, Pulm Rehab Rotations)	<b>Clinical I Group 1</b> Last 12 weeks clinic 12 hr First 2 weeks orientation	<b>Clinical I Group 2</b> Last 12 weeks clinic 12 hr First 2 weeks orientation (Content: Floor Care, Trach care, PFT, Pulm Rehab Rotations)	<b>Clinical I Group 2</b> Last 12 weeks clinic 12 hr First 2 weeks orientation
<b>Lunch</b>				
RCP 112 Disease Class	<b>(new) Therapeutics Chronic care &amp; NIV Lab Group 2</b> 8:30 – 11:20		<b>(new) Therapeutics Chronic care &amp; NIV Lab Group 1</b> 8:30 – 11:20	

## Winter 2<sup>nd</sup> year

Monday	Tuesday	Wednesday	Thursday	Friday
<b>Clinical III Group 1</b> First 12 weeks 12hr Neo ICU Specialty Rotations: Sleep, Intubation	<b>Clinical III Group 1</b> First 12 weeks 12hr Neo ICU Specialty Rotations: Sleep, Intubation	<b>(New) Advanced Cardiac Support Class</b> Weeks 1-8 9:30 – 10:50 <hr/> <b>RCP 230 (Exam Prep) Class</b> Weeks 9 - 12 9:00 – 11 a.m.	<b>Clinical III Group 2</b> First 12 weeks 12hr Neo ICU Specialty rotations: Sleep, Intubation	<b>Clinical III Group 2</b> First 12 weeks 12hr Neo ICU Specialty Rotations: Sleep, Intubation
		<b>Lunch</b>		
		<b>(New) Advanced Cardiac Support Lab (ACLS)</b> 12:00 – 5:00 Weeks 1-4 Group 1 Weeks 5-8 Group 2		
	RCP 230 (exam prep) Last 2 weeks TTC 2160 8:30 – 11:30 Computer lab	RCP 230 (exam prep) Last 2 weeks TTC 2160 8:30 – 11:30 Computer lab	RCP 230 (exam Prep) Last 2 weeks TTC 2160 8:30 – 12:00 Computer lab	



# KVCC RCP Program Strategy Changes: Draft 5

## Fall 1<sup>st</sup> Year Students

Course #/ Strategy	Current	Calculations	New Course Strategies	Proposed Changes	Calculations
RCP 100 4-3-3	Class 14 wk 3 credit	Lecture: 2400 minutes =2 hr 55 min. 1 x wk	No Changes		
RCP 100 4-3-3	Lab 14 wk 1 credit	Lab: 2400 minutes =2 hr 55 min. 1 x wk	No Changes		
RCP 106 3-3-0	Class 14 wk 3 credit	Class: 2400 minutes =2 hr 55 min. 1 x wk	No Changes		
RCP 107 5-5-0	Class 14 wk 5 credit	Lecture: 4000 min= 2 hr 25 min 2 x week	No Changes		
<b>Total</b>	<b>12 credits</b>	<b>14 contact hours</b> (11 lecture 3 lab)	<b>Total 12 Credits</b>	<b>14 contact hours</b> (11 lecture, 3 lab)	

## Winter 1<sup>st</sup> year Students

Course #/ Strategy	Current	Calculations	New Course Strategies	Proposed Changes	Calculations
RCP 112 3-3-0	Class 14 wk. 3 credit	Class: 2400 minutes =2 hr. 55 min. 1 x wk.	RCP 112 -No Changes <b>3-3-0</b>		
RCP 130 9-2-21	Class 14 wk. 2 credit	Lecture 1600 min =1 hr. 55 min 1 x week	<b>(New) RCP 130</b> <b>3- 2- 3</b>	Add PFT Review and disaster management, smoking cessation, disease management	
RCP 130 9-2-21	Lab 14 wk 1 credit 3 contact	Lab: 2400 minutes =2 hr 55 min. 1 x week	<b>(New) RCP 130 - Lab</b> <b>3- 2- 3</b>	Lab Content the same	
RCP 130 9-2-21	Clinic 12 wk. 6 credit 18 contact	Clinic 18 Clinic x 800mins = 14,400 mins 14,400 mins ÷ 12wks clinic = 1200min/wk. 1200min/wk. ÷ 2 days = 600mins/day 600mins/day = 10hrs day average	<b>(New) RCP Clinical I</b> <b>6- 0- 18</b>	Last 12 weeks. 12 hour shifts 2 x wk.	18 Clinic x 800mins = 14,400 mins 14,400 mins ÷ 12wks clinic = 1200min/wk. 1200min/wk. ÷ 2 days = 600mins/day 600mins/day = 10hrs day average
<b>Total</b>	<b>12 credits</b>	<b>26 contact hours</b> (5 lecture, 3 lab, 18 clinic)	<b>Total 12 credits</b>	<b>26 contact hours</b> <b>(5 lecture, 3 lab, 18 clinic)</b>	

# KVCC RCP Program Strategy Changes: Draft 5

## Summer 2<sup>nd</sup> Year students

Course #/ Strategy	Current	Calculations	New Course Strategies	Proposed Changes	Calculations
None	-----	-----	(New) RCP - Class Intro to Mechanical Vents 3 – 2- 3	Class 8 week – summer 2 Credits	$1600 \div 8 = 200 \text{ min} \div 2 \text{ day/wk} = 100 \text{ min.} \div 60 = 1 \text{ hr } 40 \text{ min}$
			(New) RCP Intro to Mech Vents -Lab 3 – 2- 3	Lab 8 weeks – summer 1 credit	$2400 \div 8 = 300 \div 2 \text{ day/wk} = 150 \div 60 = 2 \text{ hr } 30 \text{ min.}$
			<b>Total 3 credits summer</b>	<b>5 contact hours (2 lecture, 3 lab)</b>	<b>Total 3 credits summer</b>

## Fall 2<sup>nd</sup> year students

Course #/ Strategy	Current	Calculations	New Course Strategies	Proposed Changes	Calculations
RCP 200 4-2.5-4.5	Class 6 wk 2.5 credit		(New) RCP Class Neo/Peds 2.0 – 1.25- 2.25 First 12 weeks	Class Neo/Peds	$1.25 \times 800 = 1000 \text{ min}$ $1000 \div 12 \text{ wks} = 83$ $83 \div 60 = 1 \text{ hr } 25 \text{ min.}$
RCP 200 4-2.5-4.5	Lab 6 wk 1.5 credit		(New) RCP Lab Neo/peds First 12 weeks	Lab Neo/Peds	$2.25 \times 800 = 1800$ $1800 \div 12 \text{ wks} = 150 \text{ min}$ $150 \div 60 = 2 \text{ hr } 30 \text{ min}$
RCP 210 8-2-18	Class 8 wk 2 credit	Lecture: $2 \times 800 \text{ mins} = 1600 \text{ minutes}$ $1600 \text{ min} \div 8 \text{ wks} = 200 \text{ min}$ $200 \text{ minutes} = 3 \text{ hours and } 20 \text{ min.}$	(New) RCP - Class Advanced Critical care & diagnostics 14 weeks 4- 3- 3	Lecture: Add Dx from 225 Navigational Bronchs, Chest tubes, Thoracentesis, Bronchothermoplasty, hemo,	Class: $3 \times 800 = 2400 \text{ minutes}$ $2400 \div 14 = 171.42 \text{ min}$ $171 \text{ min} \div 60 = 2 \text{ hr } 55 \text{ min}$
RCP 210 8-2-18	Lab 8 wk ~0.8 credit	$2.5 \times 800 \text{ mins} = 2000 \text{ minutes}$ $2000 \text{ min} \div 8 \text{ wks} = 250 \text{ min}$ $200 \text{ minutes} = 4 \text{ hours and } 10 \text{ min.}$	(New) Advanced Critical care & diagnostics – Lab	Lab: Add DX from 225	Lab: $2400 \text{ min} = 2 \text{ hr } 55 \text{ min.}, 1 \times 14 \text{ wk}$
RCP 210 8-2-18	Clinic 8 wk ~5.2 credit	$15.5 \text{ Clinic} \times 800 \text{ mins} = 12,400 \text{ mins}$ $12400 \text{ mins} \div 8 = \text{wks clinic} = 1550 \text{ min/wk}$ $1550 \text{ min/wk} \div 2 \text{ days} = 775 \text{ mins/day}$ $725 \text{ mins/day} = 12 \text{ hrs \& } 25 \text{ mins day}$	(New) RCP Clinical II 6- 0- 18	Clinical II- last 12 weeks	$18 \text{ Clinic} \times 800 \text{ mins} = 14,400$ $14,400 \text{ mins} \div 12 \text{ wks clinic} = 1200 \text{ min/wk.}$ $1200 \text{ min/wk.} \div 2 \text{ days} = 600 \text{ mins/day}$ $600 \text{ mins/day} = 10 \text{ hrs day}$
<b>Total</b>	<b>12 credits</b>	<b>27 contact hours (4.5 lecture, 7 lab, 15.5 clinic)</b>	<b>Total Credits 12 credits</b>	<b>27.5 contact hours (4.25 lecture, 5.25 lab, 18 clinic)</b>	

## KVCC RCP Program Strategy Changes: Draft 5

### Winter 2<sup>nd</sup> year Students

Course #/ Strategy	Current	Calculations	New Course Strategies	Proposed Changes	Calculations
RCP 225 9-2-21	Class 12 wk. 2 credit	9:2:21 (2 standard lab/19clinical)	<b>Advance Cardiac Seminar 1 0.5 – 1.5</b>		Class $0.5 \times 800 = 400$ $400 \div 4\text{wks} = 100$ $100 \div 60 = 1\text{hr } 40\text{ min}$
RCP 225 9-2-21	Lab 12 wk 1.5 credit	Lab: $2\text{ SL} \times 800\text{min} = 1600$ $1600\text{ min} \div 12\text{wks} = 133\text{ mins}$ $133\text{ minutes} = 2\text{ hours \& } 13\text{ (15) mins}$			Lab: $1.5 \times 800 = 1200$ $1200 \div 4\text{ wks} = 300$ $300 \div 60 = 5\text{ hrs}$
RCP 225 9-2-21	Clinic 12 wk. ~6 Credits	Clinic $19\text{ Clinic} \times 800\text{mins} = 15200\text{ mins}$ $15200\text{ mins} \div 12\text{wks clinic} =$ $1266\text{min/wk. } 1266\text{min/wk.} \div 2\text{ days}$ $= 633\text{mins/day}$ $633\text{ mins/day} = 10.5\text{ hrs. day}$	<b>(New) RCP Clinic III 6-0-18 18 contact hrs.</b>	Neo, Specialty rotations & 1 ICU rotation 12 weeks	$15 \times 800 = 12,000\text{ min.}$ $12,000\text{ min} \div 10 = 1,200$ $1,200\text{ min} \div 60 = 20\text{ hr}$ $20 \div 2 = 10\text{ hrs } 2/\text{week}$
<b>RCP 230 3-3-0</b>	Class 3 credits		RCP 230 <b>2-2-0</b>		
<b>Total</b>	<b>12 Credits</b>	<b>26 contact (5 lecture, 2 lab, 19 clinic)</b>	<b>Total 9 credits</b>	<b>22 contact hours (2.5 lecture, 1.5 lab, 18 clinic)</b>	

**Total RCP Credits= 48                      93 contact hours /                      Total= 48    94.5 contact hours**

**Contact Hours: 25.5 lecture, 15 lab, 52.5 clinic**

**24.75 lecture, 15.75 lab, 54 clinics**

Note: Special length – students can't register themselves. Standard length: 7, 12 or 14 weeks