

Advisory Board/Graduate Meeting

September 15, 2022

Curriculum revision

Attendees:

Jean Newberry--Program Director, Resp. Care, FSW
Sindee Karpel-- Faculty, Resp Care/BS CPS, FSW
Heather O'Connell-- DCE, Faculty, Resp Care/BS CPS, FSW
Jeff Garcia-- Graduate, staff RRT GCMC
Jada Addison-- Clinical Assoc FSW, Graduate, staff RRT Phys Reg
Lynda Pike-- Graduate, staff RRT HealthPark
Jessica Meyers--, Clinical Assoc FSW, Lead RRT Fawcett
Nicole Smith—Adjunct Prof BS CPS, Dept Manager HealthPark
Michelle Powella—Director RC HealthPark
Eva Grayson—Director RC Phys. Reg
Anthony Sumo—Director RC Fawcett
Katie Holdt-- Clinical Assoc FSW, staff RRT HealthPark
Shawn Gilmartin—Adjunct Faculty BS CPS, Simulation Technician, FSW

Jean explained reason for meeting. Stated our current structure is not in alignment of credit hours for the school. Campus courses are meeting for less time than what the credit hours are assigned. Clinic courses are meeting for more credit hours than assigned.

Explained credit for students vs faculty load that instructors receive. Also course designations

- Students pay for credits and lab fees
- Faculty is normally assigned load per contact/face to face time with students
- If no C or L after a course number, it is a didactic course. Credit hours = class hours (should)
- If course has L at the end—it is a lab course. Science department assigns every credit hour the student pays, the lab is scheduled for 3 hour lab course. FSW RC also has clinic courses for L courses as well. (more later)
- If a course has a C (combined) at the end- it is a combined course with lecture and lab. This will meet in the classroom for lecture and also have a lab component. i.e. RET 2254C lecture in the morning and lab in the afternoon. Credits should be assigned accordingly.

The program is mandated by the state to have 76 credit hours to graduate with AS in Respiratory Care. This cannot be changed. The course plan (handout) shows the core courses and the pre/co requisites needed. Currently core courses = 45 credits

IN meetings with new Dean, it is determined that we are not assigning correct load/class schedule to what the students are paying in credits....So our goal is to see how we can rectify and make the course schedule, credit assignments align better and still meet course objectives. If we can do this, we can add credits to clinic.

When looking at other schools (ST. Pete, Hillsborough, Valencia and Daytona), clinic courses are 3-6 credits. We are doing clinic time for 1 credit where the students are out in clinic for 24 hours/week. Need to increase this.

Course plan #1 given out, highlighted courses are not aligning with the load and meeting hours. Plus, CVT is going to design their own 1024 course that will cover the material they need from both RET 1024 and RET 1613C. These 2 courses can be redesigned to be Respiratory only. With our success on board exams, we know are providing what the students need to fulfill the program requirements, just need to make it work credit wise.

When just looking at #1 handout and revised the courses highlighted, not including clinic, to the correct credit load (done on white board). This aligns to what the times the courses are meeting and the credit hours assigned. The times the courses are meeting works for the faculty and we feel it is ample enough time to cover the material, mostly. More on that later. This frees up 7 credits that can be applied to clinic.

Breakdown of each course.

RET 1024 Intro to Cardiopulmonary Tech 3 credits

Meets 3 hours per week. Fall semester freshmen year.

Remove CVT component.

See syllabi with tracked changes. Cover much of the same material with changes in the cardiac topics

RET 1613C Cardiopulmonary anatomy and physiology 2 credits

Remove the C designation as there is no lab component.

Course currently meets for 3 hours but can be shortened down to 2 without much difficulty

Remove the CVT components

See syllabi with tracked changes.

These 2 course will cover the same material and in a slightly different order than previous, therefore the syllabi will reflect changes in the objectives. Same objectives being met as before, just in a slightly different order.

RET 1275C Clinical Care Techniques currently 4 credits

Preclinic course covering the same material/objectives

Meets for 2 hours lecture/didactic—Sindee is good with material and objectives—able to meet these in time allotted

Meets for 3 hours lab with Sindee, Heather and CA's in 222 with low fidelity mannikins to practice skills—all feel this is a vital component of the course and time is sufficient for practice and learning skills.

To meet with school standards of credit application and to coincide with meeting times, change to 3 credit C course.

RET 1007 Respiratory Care Pharmacology currently 2 credits

Currently meets 2 hours per week

All agreed that there is too much material and it is growing in material that objectives are not being met with 2 hours/week meeting time. This course has a lot of material that students need for the rest of the program, boards and beyond.

Suggested to bring the credit to 3 credits.

RET 2254C Respiratory Care Assessment currently 6 credits

Meeting times is 3 hours for lecture/didactic and 3 hours for lab

All feel that this is suffice to meet objectives and allow for hands on/simulation etc.

Proposal change to 4 credits (3 credits lecture and 1 credit lab)

RET 2234C Respiratory Therapeutics currently 6 credits

Meeting times is 3 hours for lecture/didactic and 3 hours for lab

All feel that this is suffice to meet objectives and allow for hands on/simulation etc.

Proposal change to 4 credits (3 credits lecture and 1 credit lab)

RET 2714 Neonatal/Pediatric Respiratory Care currently 3 credits

Currently is a blended course with material asynchronous online and on campus components for testing and some hands on demonstrations

Meeting members feel that some of this material is not relevant to entry level RT

Congenital cardiac defects and repairs is beyond the scope of AS program and can be taught in BS program. Nitric Oxide can be covered in the pharmacology section (with expanded credit).

A brief overview of mechanical ventilation can be given here with the bulk of it in RET 2264 course. For those that have taken the BS program here at FSW, it was determined that much of this advanced material is covered again in the BS and not necessary for the AS level.

With these modifications the course can be 2 credits instead of 3.

RET 2264 Advanced Mechanical Ventilation currently 4 credits

Course currently meets for 3 hours per week. Objectives being met.

Members feel this is adequate time to cover material and practice (in conjunction with RET 2264L)

Change to 3 credits to align with class meeting times

RET 2264L Advanced Mechanical Ventilation Lab currently 2 credits

Currently meets for 1 lab session for 3 hours

All feel this ample time to meet objectives and allow for time to practice on equipment and simulations

All feel that having small sections for more hands on/smaller groups is best for the students.

Keeping groups of 2 for each station is ideal.

Will continue to run 2 sections for cohort size over 14

Change credits from 2 to 1 to reflect proper / appropriate meeting session/time

RET 2295 Pulmonary Studies currently 3 credits

Meets 3 hours per week. Ample time to meet objectives. Objectives are good for this course

No changes for this course.

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RET 2244 Critical Care Applications currently 2 credits

Currently meets 3 hours per week.

Has been totally online and that method did not work

CVT possibly removing themselves from this course.

Objectives can be adjusted to better cover that the RT needs

CV pressures/monitoring

Shock

ACLS

IABP

Though tight, members feel it can meet 2 hours per week to meet objectives.

RET 2930 RT as a Professional currently 2 credits

Currently meets Summer A (7 weeks) for 3 hours per week

For a 2 credit course meeting the whole semester 30 hours (2 hours per week x 15 weeks). If meeting for a mini semester it would be 4 hours for 7 weeks. We can meet this course for 2 hours per week and meet objectives. Making it a 1 credit course. Frees up 1 credit.

Course covers aspects of landing job

How to get licensed/registered

Mock board exams given

Currently has ethics in this course---remove ethics and place in RET 2264 or 2264L

These are all of the on campus courses. Readjustments frees up 7 credits.

Clinic courses

RET 1832L meets summer A 2 days/week for 4 hours/day. 8 hours /week. First day not clinic (meet the CAs, go over syllabus etc...) Last day final exam. Course is a mini semester. Equals 40 hours of clinic for mini A semester. Currently 1 credit

RET 2874L meets fall semester. 2 days/week for 12 hours/day. Students removed for sleep lab, asthma ed/COPD mgmt., some years Peds. About 300 hours of clinic. Currently 1 credit

RET 2875L meets spring semester. 2days/week for 12 hours/day. Students removed from standard schedule for day with physician, 1275C, neonatal/peds. About 300 hours of clinic. Currently 1 credit

RET 2876L meets summer A. 3 days/week for 12 hours/day. 6-7 weeks. Home care day/ACLS. About 180 hours of clinic. Currently 3 credits

Discussion---what is fair load?

2874/2875 5 credits

2876 4 credits

1832 3 credits

If keep the other discussed credits—total credits = 48 credits.

This is 3 credits over.

Committee discussed how the 3 credits could be made up. Gen Ed courses cannot be touched. Leaving A&P I and II, Chem, Microbiology and Physics. Committee states Micro and A&P should definitely be required. Looking at the other 2, it was debated. Looking at other schools, most do not require either, none require physics. Physics is also not required for the BS program. To free 3 credits to cover core shortage, committee decided to drop physics.

Physics for Health Sciences (PHY 1007C) syllabus presented to committee:

Topic Outline

- Kinematics -- covered in RET 1007 (med deposition), RET 2264- HFOV
- Work, energy and power—RET 2264/RET 2234C mechanical ventilation principals
- Heat, temp, internal energy – RET 1613, RT 2254, RET 2234
- Phase changes, heat transfer, vapor pressure—RET 1613, RET 2714
- Pressure in liquids, circ.system, and other med applications; osmosis, viscosity, absorption and adsorption—RET 1007, RET 1024, RET 1613, RET 2264, RET 2244
- Electricity, magnetism, electric circuits, instrumentation and electric safety -- RET 2254C
- Wave motion, hearing and vision—RET 2254C
- Oder physics—Reflection/refraction -- RET 1275C, RET2254C
- Nuclear radiation—RET 2254C all clinic

Material covered in the PHY1007 is covered specifically within the program and committee feels it can be eliminated.

This makes the core program worth 48 credits,

Program specific	16 credits
Gen ed	12 credits

TOTAL	76 credits
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Jean thanks committee for their time and effort. Jean will present to Dean and present to Curriculum committee in the future.

FLORIDA SOUTHWESTERN STATE COLLEGE – RESPIRATORY CARE, AS

Admission into the Respiratory Care Technology Program is limited access. You must meet the minimum application requirements and apply to the program to be considered for acceptance.

Phase I evaluates applicants according to the number of points earned through: cumulative grade point average, math/science grade point average, and number of credit hours earned by or before the application deadline of May 31st. Courses not completed by the deadline are not considered. Following application submittal, the candidate will be informed of the dates available and complete the online scheduling process for the Watson-Glaser Critical Thinking Exam.

Phase I: Academic + Critical Thinking Exam GPA points are based on college credits, with a minimum of eleven credits of college course work for the overall GPA and a minimum of seven credits in the co-requisite math/science courses, for the Math/Science GPA

Fall Semester	Credits
RET 1024: Intro Cardiopulmonary Tech	3
Spring Semester	
RET 1007: Respiratory Care Pharmacology	3 2
RET 1275C: Clinical Care Techniques	3 4
RET 1613C: Cardiopulmonary Anatomy & Physiology	2
Summer Semester	
RET 1832L: Clinical Practicum I (Summer A)	3 1
Year Two: Fall Semester	
RET 2874L: Clinical Practicum II	5 1
RET 2234C: Respiratory Therapeutics	4 6
RET 2254C: Respiratory Care Assessment	4 6
RET 2714: Neonatal Pediatric Resp Care	2 3
Spring Semester	
RET 2875L: Clinical Practicum III	5 1
RET 2244: Critical Care Applications	2
RET 2264: Advanced Mechanical Ventilation	3 4
RET 2264L: Adv Mechanical Ventilation Lab	3 2
RET 2295: Pulmonary Studies	3
Summer A Semester	
RET 2930: Resp Care Practitioner as Professional	1 2
RET 2876L: Clinical Practicum IV	4 3

76 Credits

ENC 1101: Composition I
Core Humanity
AMH 2020 or POS 2041
Core Math (MGF 1106 or STA 2023 recommended)
BSC 1085C: Anatomy & Physiology I
BSC 1086C: Anatomy & Physiology II
Chemistry with corresponding lab (CHM 2032/L recommended)
MCB 2010C: Microbiology
General Education Physics
(PHY 1007C recommended)

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For more information or to apply to the program please visit our webpage:

<https://www.fsw.edu/academics/programs/asrespiratorycare>

Must be completed before final semester, if not previously satisfied.

*If you have transfer credits please speak to an Academic Advisor to ensure your previous course work meets program requirements.

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